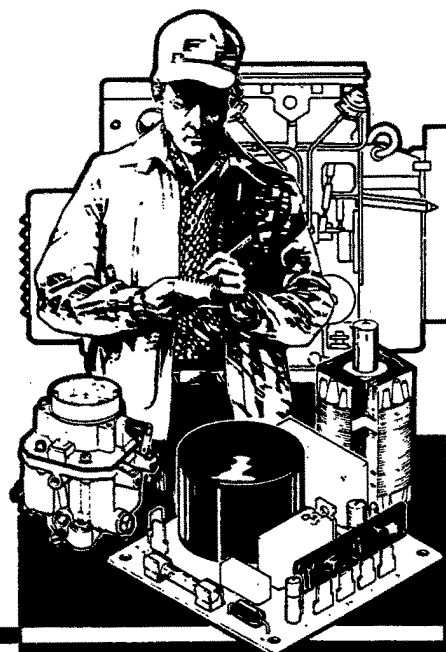

Onan

User Friendly CDs

Parts Manual BGE/BGEL

Emerald I GenSet



RV Electric Generating Set

965-0232
1-90 (BGE SPEC A-E) (BGEL SPEC B-D)
Replaces 1-89 (BGE Spec A-E) (BGEL Spec B-D)
Printed in U.S.A.

Onan Service Parts

<http://stores.ebay.com/UserFriendlyCDs>

SAFETY PRECAUTIONS

The following symbols are used in Onan manuals to alert users to the potentially dangerous conditions relating to maintenance of the equipment and replacement of parts. Please read and observe.

⚠ DANGER

This symbol warns of immediate hazards which will result in severe personal injury or death.

⚠ WARNING

This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.

⚠ CAUTION

This symbol refers to a hazard or unsafe practice which can result in personal injury or product or property damage.

MODEL IDENTIFICATION

To avoid errors or delay in filling your parts order, always give the MODEL, SPEC NO., and SERIAL NO. from the Onan nameplate.

For handy reference, insert your nameplate information in the spaces below:

MODEL AND SPEC NO.

SERIAL NO.

PRODUCT SAFETY PRECAUTIONS

⚠ WARNING

Contact with USED ENGINE OILS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking or changing engine oils take all necessary precautions not to ingest, breathe the fumes or contact the used oil.

⚠ WARNING

Contact with ASBESTOS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When handling engine gaskets take all necessary precautions not to ingest, breathe or contact the dust from the gaskets! Use adequate ventilation and wear protective gloves, masks and clothing!

⚠ WARNING

Contact with BENZINE and LEAD, found in gasoline, fuel additives and solvents has been identified by a United States federal agency and some USA agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking, draining or adding gasoline and fuel additives, or using solvents take all necessary precautions not to ingest, breathe the fumes, or contact the liquids. Use adequate ventilation and wear protective gloves, masks and clothing!

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Introduction

This catalog applies to the Standard BGE/BGEL Recreational Vehicle Generator Sets as listed in the Generator Set Data Table. Parts are arranged in groups of related items and each illustrated part is identified by a reference number corresponding to the same reference number in the parts list. Unless otherwise mentioned in the description, parts are interchangeable between models. Parts illustrations are typical. Using the model and specification number from your generator set nameplate, select parts that apply to your set. Right and Left sides are determined by Facing the engine (front) of the set.

Generator Set Data Table

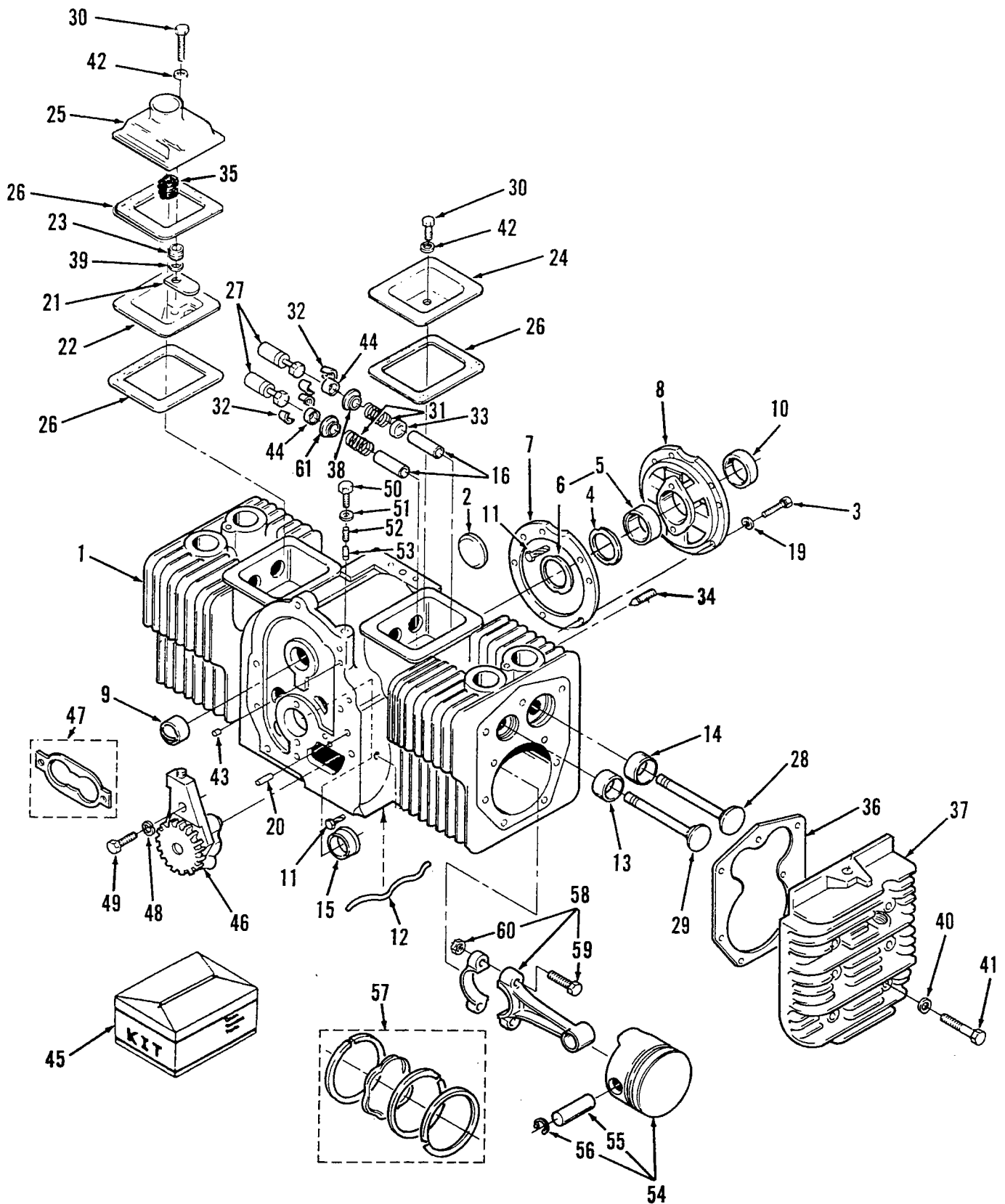
MODEL AND SPECIFICATION	ELECTRICAL DATA					
	WATTS	VOLTS	HERTZ	WIRE	PHASE	FUEL
3.5 BGEL-53CR*	3500	120/240	50	3	1	LP-Liquid
3.5 BGE-53BR*	3500	110/220	50	3	1	Gasoline
3.5 BGE-53CR*	3500	120/240	50	3	1	Gasoline
4.0 BGE-1R/*	4000	120	60	3	1	Gasoline
4.0 BGEL-1R/*	4000	120	60	2	1	LP-Liquid
4.0 BGE-FA/*	4000	120	60	2	1	Gasoline
4.0 BGE-3CR/*	4000	120/240	60	4	1	Gasoline

- * - The diagonal line (/) in the model and specification number separates generator set characteristics from the specification number and letters. The specification number denotes customer requested options or deviations from a standard (1A, 1B, etc.) model. The specification letter advances (A, to B, to C, etc.) with major manufacturing changes.

NOTE:

Components Sold As An Assembly Will Be Assembled At The Factory.

Cylinder Block

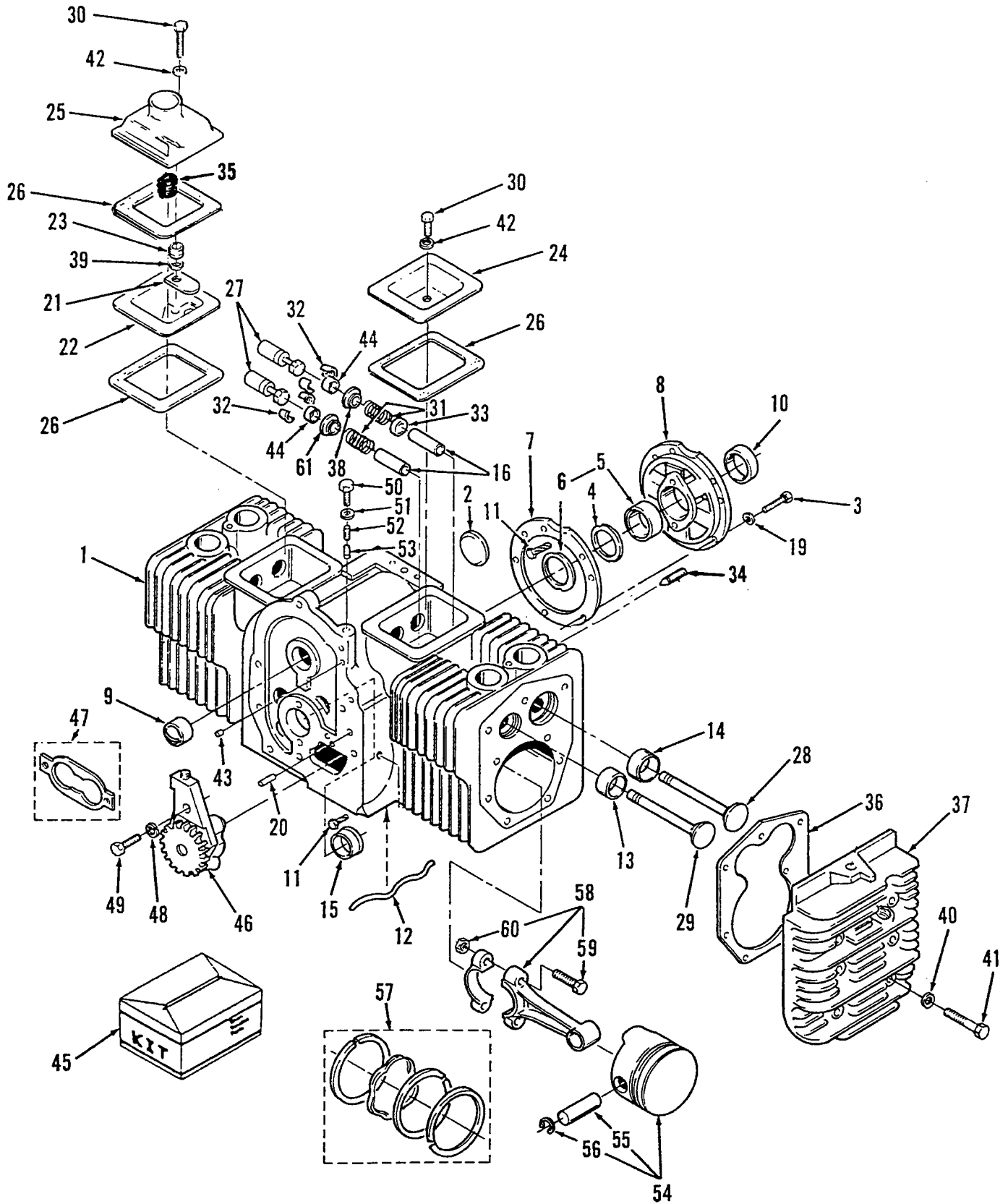


5600-0001
5600-0002
5600-0004
5600-0011
5600-0018
5600-0054
5600-0055
5600-0056
5620-0003
5620-0130
5620-0131

Cylinder Block

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1		1	Block, Cylinder (See Short Block Catalog #932-0109) (Includes Parts Marked *)	25	123-1649	1	Housing, Breather
2	517-0048	1	*Plug, Welch - Camshaft Opening (1-5/8")	26	110-3709	3	Gasket, Cover - Valve Tappet, Valve
3			*Screw, Cap - Hex Head	27	115-0006	4	Standard
	800-0051	5	3/8-16 x 1-1/4"		115-0006-02	4	.002" Oversize
	800-0575	5	3/8-16 x 1-1/8" - Flanged Head - BGEL Spec D		115-0006-05	4	.005" Oversize
4	104-0776	AR	*Shim, End - Crankshaft Play (.005")	28	110-1808	2	Valve, Intake Spec A-C
5			Bearing, Crankshaft - Rear (Includes Thrust Washer)		110-3479	2	Begin Spec D
	101-0450	1	* Standard	29	110-1955	2	Valve, Exhaust Spec A-C
	101-0450-02	1	.002" Undersize		110-3480	2	Stellite - Begin Spec D
	101-0450-10	1	.010" Undersize		110-3515	2	Standard - Begin Spec D
	101-0450-20	1	.020" Undersize	30	800-0010	2	Screw, Cap - Hex Head (1/4-20 x 1-3/4")
	101-0450-30	1	.030" Undersize	31	110-0539	4	Spring, Valve Used on BGE Spec A-C and BGEL Spec B
6	104-0575	2	*Washer, Thrust (Special)		110-3485	4	Begin Spec D
7	101-0782	1	*Gasket, Plate - Bearing	32	110-0639	8	Lock, Spring - Valve Used on BGE Spec A-C and BGEL Spec B
8	101-0439	1	*Plate, Bearing - Rear		110-3511	8	Begin Spec D
9	101-0405	2	*Bearing, Camshaft	33	110-3604	2	Seal, Valve - Intake Used on BGE Spec A-C and BGEL Spec B
10	509-0041	1	Seal, Oil - Crankshaft Rear		509-0210	2	Begin Spec D
11	516-0072	4	*Pin, Drive - Bearing Stop	34	803-0071	2	Screw, Socket - Set (3/8-16 x 5/8")
12	120-0735	1	*Tube, Oil - Cylinder Block	35	123-1417	1	Filter, Breather
13			Insert, Valve Seat - Exhaust	36	110-3181	2	Gasket, Head - Cylinder Head, Cylinder
	110-1824	2	* Standard	37			Used on BGE Spec A-C and BGEL Spec B
	110-1824-02	2	.002" Oversize		110-3214	1	Right Side
	110-1824-05	2	.005" Oversize		110-3213	1	Left Side
	110-1824-10	2	.010" Oversize		110-3509	1	Begin Spec D
	110-1824-25	2	.025" Oversize		110-3508	1	Right Side
14			Insert, Valve Seat - Intake				Left Side
	110-0197	2	* Standard	38			Retainer, Spring - Valve (Optional)
	110-0197-02	2	.002" Oversize		110-0893	2	Used on BGE Spec A-C and BGEL Spec B
	110-0197-05	2	.005" Oversize		110-3487	4	Begin Spec D
	110-0197-10	2	.010" Oversize	39	526-0018	1	Washer, Flat (1/4")
	110-0197-25	2	.025" Oversize	40	526-0122	18	Washer, Flat (5/16")
15			Bearing, Crankshaft - Front (Flanged)	41			Screw, Cap - Hex Head (Special)
	101-0432	1	* Standard				Used on BGE Spec A-C and BGEL Spec B
	101-0432-02	1	.002" Undersize		800-0540	8	1-5/8" Long
	101-0432-10	1	.010" Undersize		800-0571	10	2" Long
	101-0432-20	1	.020" Undersize				Begin Spec D
	101-0432-30	1	.030" Undersize		800-0572	8	2-3/8" Long
16			*Guide, Valve		800-0571	10	2" Long
	110-3527	2	Exhaust - Begin Spec D				
	110-3526	2	Intake - Begin Spec D				
	110-1935	4	Spec A-C				
19			*Washer				
	850-0050	5	Lock (3/8")				
	526-0251	5	Flat (3/8" Screw) - BGEL Spec D				
20	516-0141	2	*Pin, Alignment - Gear Cover				
21	123-1175	1	Reed, Valve - Breather				
22	123-1173	1	Baffle, Valve - Breather				
23	123-1174	1	Spring, Valve - Breather				
24	110-1879-01	1	Cover, Valve - RH				

Cylinder Block



5600-0001
5600-0002
5600-0004
5600-0011
5600-0018
5600-0054
5600-0055
5600-0056
5620-0003
5620-0130
5620-0131

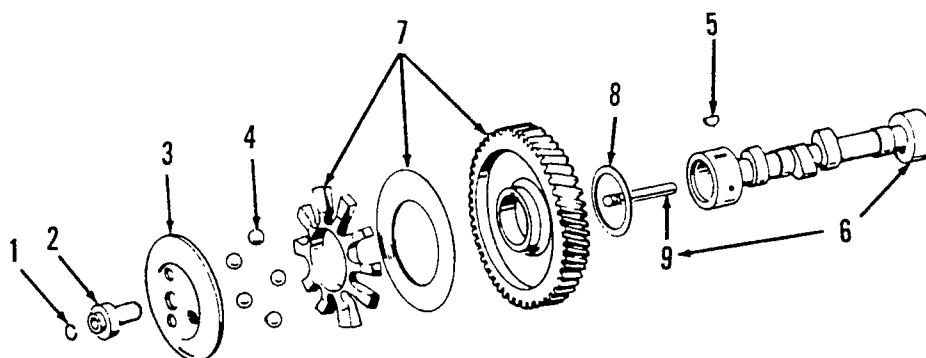
Cylinder Block

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
42	526-0063	2	Washer, Flat - Copper (1/4")	55	112-0229	2	Pin, Piston
43	517-0067	1	Plug, Hole	56	518-0311	4	Ring, Retaining
44	110-3510	4	Cap, Valve (Begin Spec D)	57			Ring Set, Piston
45			Gasket Kit		113-0189	2	Standard
	168-0178	1	Carbon Removal/Valve Grind		113-0189-05	2	.005" Oversize
	168-0181	1	Engine, Complete		113-0189-10	2	.010" Oversize
46	120-0491	1	Pump, Oil (Components Not Sold Separately)		113-0189-20	2	.020" Oversize
					113-0189-30	2	.030" Oversize
47	120-0161	1	Gasket Kit, Pump - Oil		113-0189-40	2	.040" Oversize
48	740-1004	2	Washer, Flat (M6)	58			Rod, Connecting
49	800-0007	2	Screw, Cap - Hex Head (1/4-20 x 1")		114-0257	2	(Includes Bolt And Nut)
							Standard
50			Screw, Cap - Hex Head		114-0257-10	2	.010" Undersize
	801-0050	1	3/8-24 x 1" - Used on BGE Spec A-C and BGEL Spec B		114-0257-20	2	.020" Undersize
					114-0257-30	2	.030" Undersize
	801-0049	1	3/8-24 x 7/8" - Begin Spec D	59	114-0240	4	Bolt, Connecting Rod
51	526-0066	1	Washer, Flat - Copper (3/8")				(Special)
52	120-0140	1	Spring, Valve - Bypass	60	870-0302	4	Nut, Self-Locking (5/16-24)
53	120-0398	1	Plunger, Valve - Bypass	61	110-0904	4	Cap, Roto Valve - Exhaust
54			Piston (Includes Pin and Retaining Rings)				(Used on BGE Spec A-C and BGEL Spec B)
	112-0186	2	Standard				
	112-0186-05	2	.005" Oversize				
	112-0186-10	2	.010" Oversize				
	112-0186-20	2	.020" Oversize				
	112-0186-30	2	.030" Oversize				
	112-0186-40	2	.040" Oversize				

* - Parts Included in Cylinder Block.

Camshaft

5620-0096

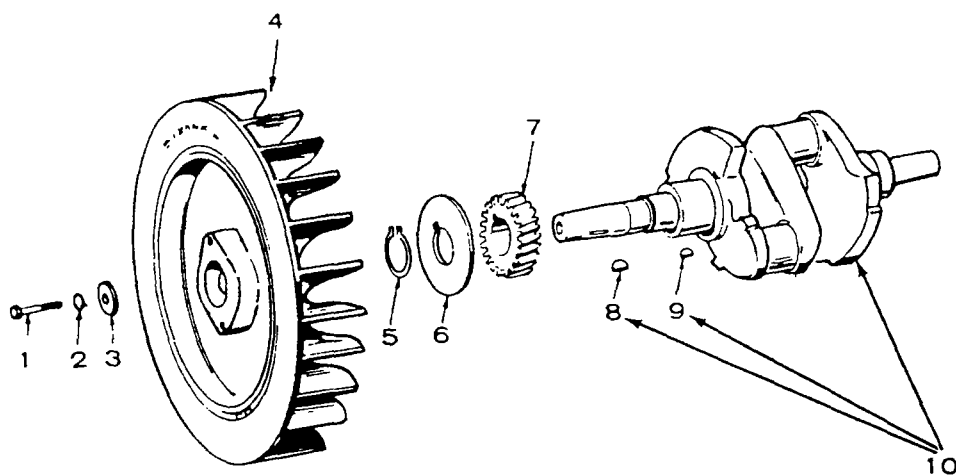


C-1084

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-0078	1	Ring, Retaining
2	150-1519	1	Hub, Cup - Governor
3	150-1520	1	Cup And Bushing, Governor
4	510-0015	10	Ball, Governor
5	515-0001	1	Key, Woodruff
6	105-0637	1	Camshaft (Includes Center Pin)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	105-0332	1	Gear, Camshaft (Includes Gear, Spacer And Plate)
8	105-0541	1	Washer, Thrust - Special
9	150-0075	1	Pin, Center - Camshaft

Crankshaft And Flywheel



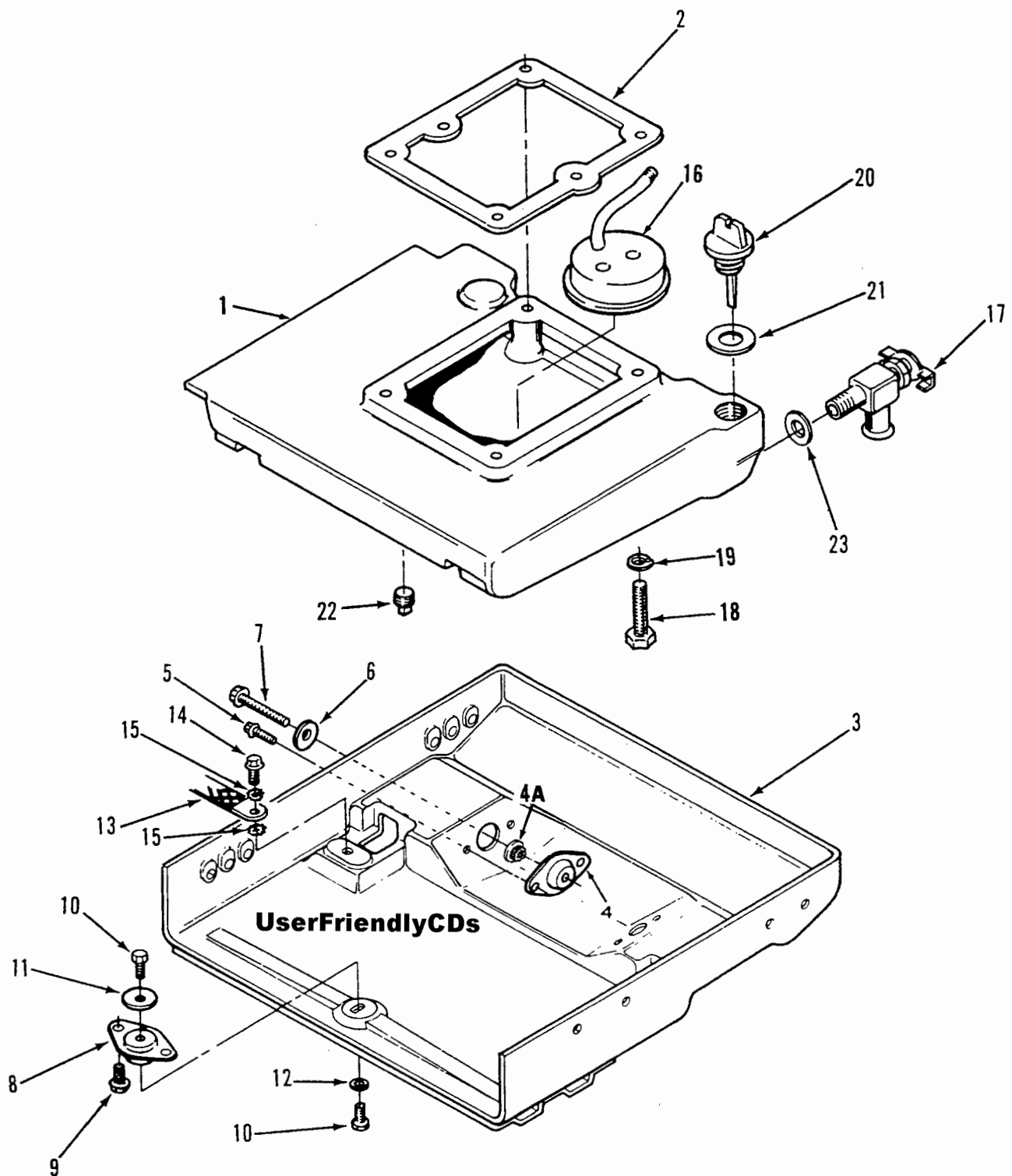
CT-1084

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	104-0170	1	Screw, Cap - Hex Head (Special)
2	526-0356	1	Washer, Flat (7/16" Screw)
3	526-0017	1	Washer, Flat (7/16")
4	134-4342	1	Flywheel, (Blower)
5	518-0014	1	Ring, Retaining

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	104-0043	1	Washer, Gear
7	104-0032	1	Gear, Crankshaft
8	515-0263	1	*Key Kit, Wheel - Blower
9	515-0001	1	*Key, Gear - Crankshaft
10	104-1583	1	Crankshaft (Includes Parts Marked *)

* - Parts Included In 104-1583 Crankshaft Kit.

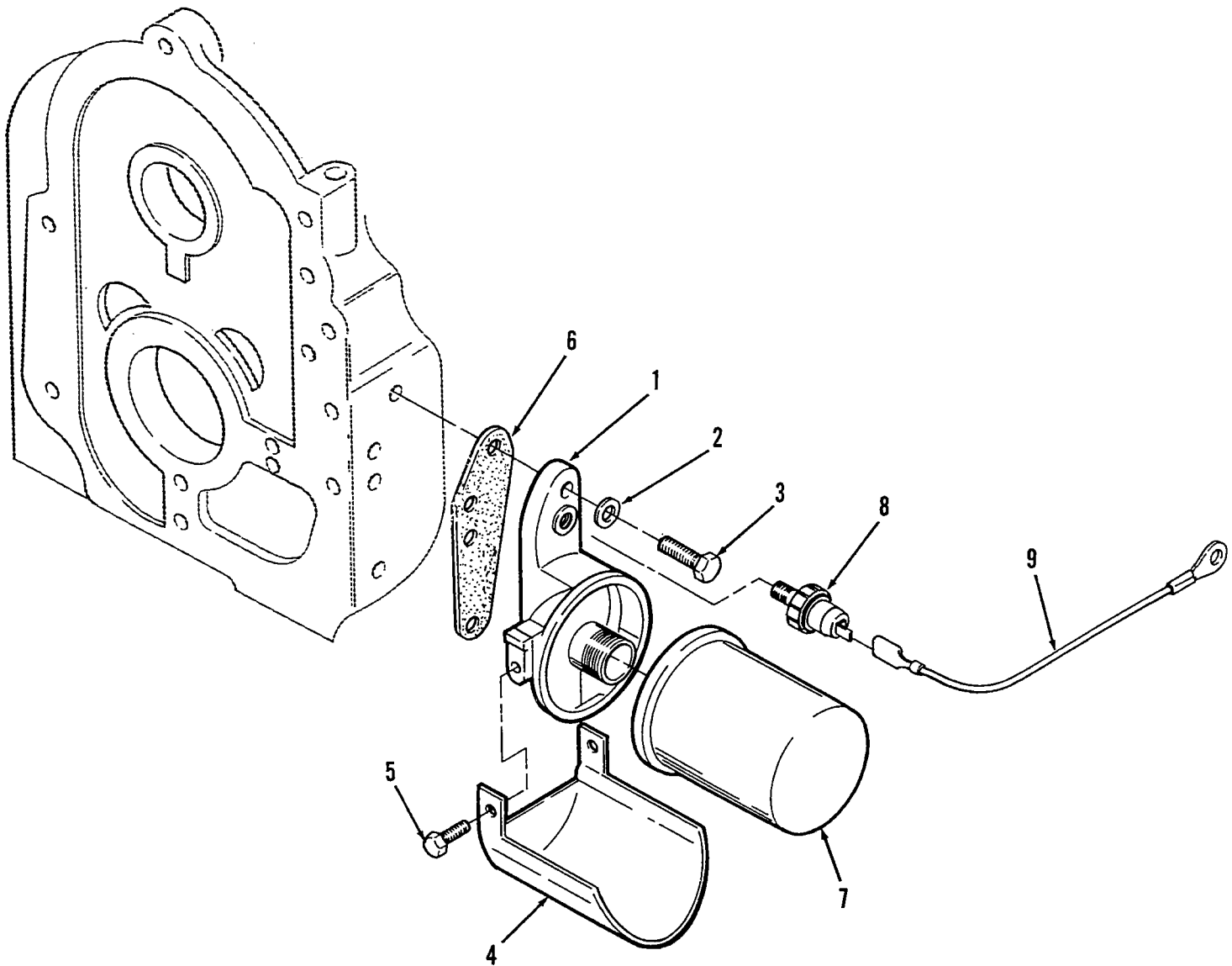
Oil Base And Mounting Hardware



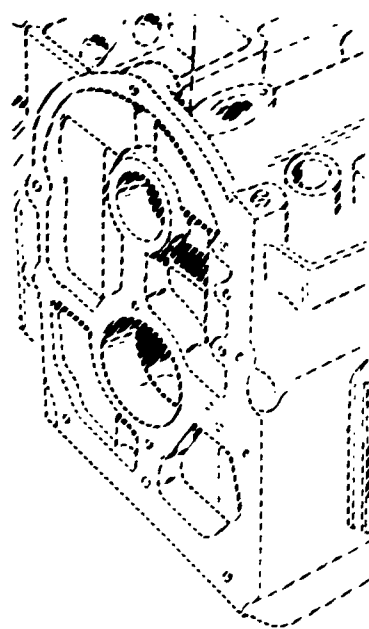
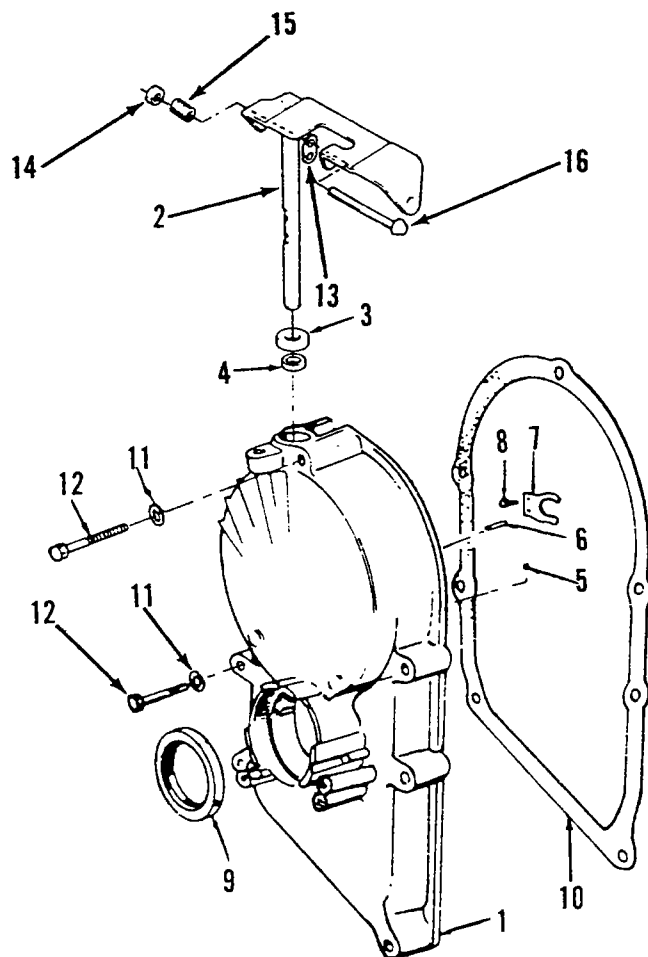
Oil Base And Mounting Hardware

5620-0063

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	102-1286	1	Base, Oil	13	337-2311	1	Strap, Ground (Mounts Scroll To Drip Pan)
2	102-1387	1	Gasket, Base - Oil	14		1	Screw, Hex Washer Head - Self Locking
3			Pan, Drip		821-0014	1	BGE (5/16-18 x 1/2")
	403-2218	1	Above Floor Models		821-0029	1	BGEL (3/8-16 x 3/4")
	403-2280	1	Below Floor Models	15	856-0008	2	Washer, Lock EIT (5/16")
4			Isolator, Vibration - Generator End	16	123-1616	1	Cup, Intake - Oil Pump (Includes Pipe And Cup)
	402-0597	2	Voltage Code FA - Spec C,D,E	17	504-0150	1	Valve, Shut-Off - Oil Base Rear Drain (Above Floor Model)
	402-0602	2	Voltage Code FJ - Spec C & E	18	800-0058	4	Screw, Cap - Hex Head (3/8-16 x 3")
4A	402-0547	2	Snubber (Use with Isolator 402-0597)	19	850-0050	4	Washer, Lock (3/8")
5	821-0010	4	Screw, Hex Washer Head - Self-Locking (1/4-20 x 1/2")	20	123-1625	1	Cap, Fill - Oil
6	526-0325	2	Washer, Flat (3/8")	21	509-0096	1	O-Ring, Cap - Oil Fill
7	815-0657	2	Screw, Hex Head - Thread Form (3/8-16 x 2-3/4")	22		1	Plug, Drain - Oil
8	402-0549	1	Isolator, Vibration - Engine End		102-0938	1	Rear Drain, Bottom Drain Oil Base (1/2")
9	821-0016	2	Screw, Hex Washer Head - Self Locking (5/16-18 x 3/4")		505-0110	1	Square Head, Bottom Drain Oil Base (3/8")
10	821-0031	2	Screw, Hex Washer Head - Self Locking (3/8-16 x 3/4")		505-0266	1	Square Head, Countersunk (3/8" Pipe) - Bottom Drain
11	526-0324	1	Washer, Flat (5/16")	23	102-0743	1	Gasket, Plug - Oil Drain
12	526-0240	1	Washer, Flat (3/8")				



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	122-0320	1	Adapter, Oil Filter	5	815-0194	2	Screw, Cap - Hex Head W/ET (#10-32 x 3/8")
2	526-0065	2	Washer, Flat - Copper (5/16" Screw)	6	122-0774	1	Gasket, Oil Filter Adapter
3	800-0028	2	Screw, Cap - Hex Head (5/16-18 x 1")	7	122-0645	1	Filter, Oil
4			Drain, Oil Filter	8	309-0322	1	Switch, Low Oil Pressure
	122-0360	1	Unpainted	9	226-2980	1	Lead, Low Oil Pressure Switch
	122-0360-50	1	Painted				



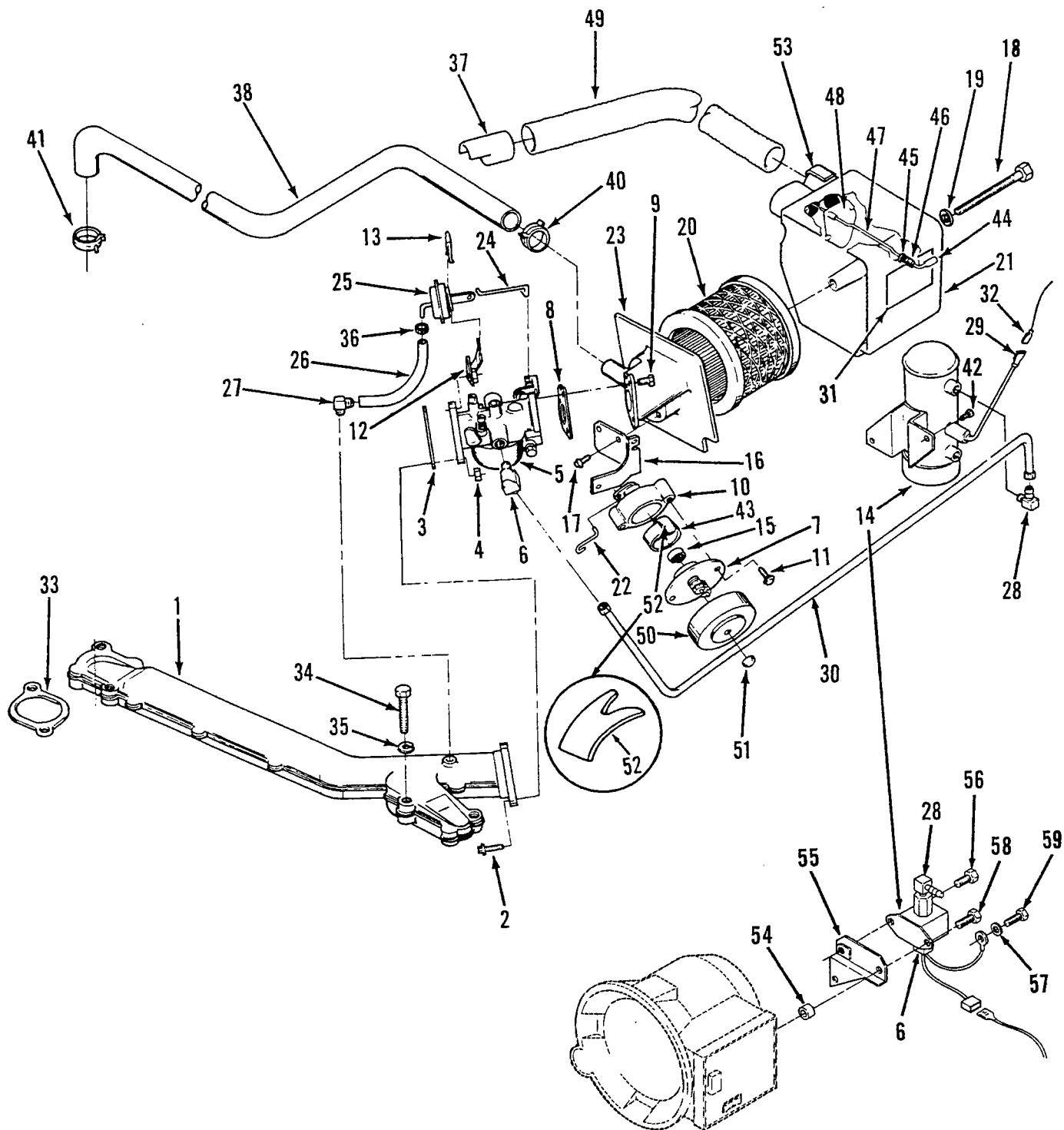
FS-1596

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	103-0772	1	Gearcase (Kit) (Includes Parts Marked*)
2	150-2002	1	*Arm And Shaft, Governor
3	509-0008	1	*Seal, Oil - Governor Shaft
4	510-0013	1	*Bearing, Needle
5	510-0014	1	*Ball, Bearing
6	516-0130	1	*Pin, Dowel - Governor Cup Stop
7	150-1187	1	*Yoke, Governor
8	815-0046	2	*Screw, Machine - Pan Head (#8-32 x 3/8")
9	509-0040	1	*Seal, Oil - Crankshaft

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
10	103-0810	1	Gasket, Mounting - Gearcase
11	526-0065	5	Washer, Flat - Copper (5/16")
12			Screw, Cap - Hex Head (Special)
	114-0022	4	1-3/4" Long
	800-0545	1	2-3/4" Long
13	150-1998	1	*Link, Spring - Governor
14	870-0328	1	*Nut, Self-Lock (#10-32")
15	141-0710	1	*Spring, Idle Needle
16	820-1077	1	*Screw, Pan Head (#10-32 x 2-1/2")

* - Parts Included In 103-0772 Gearcase.

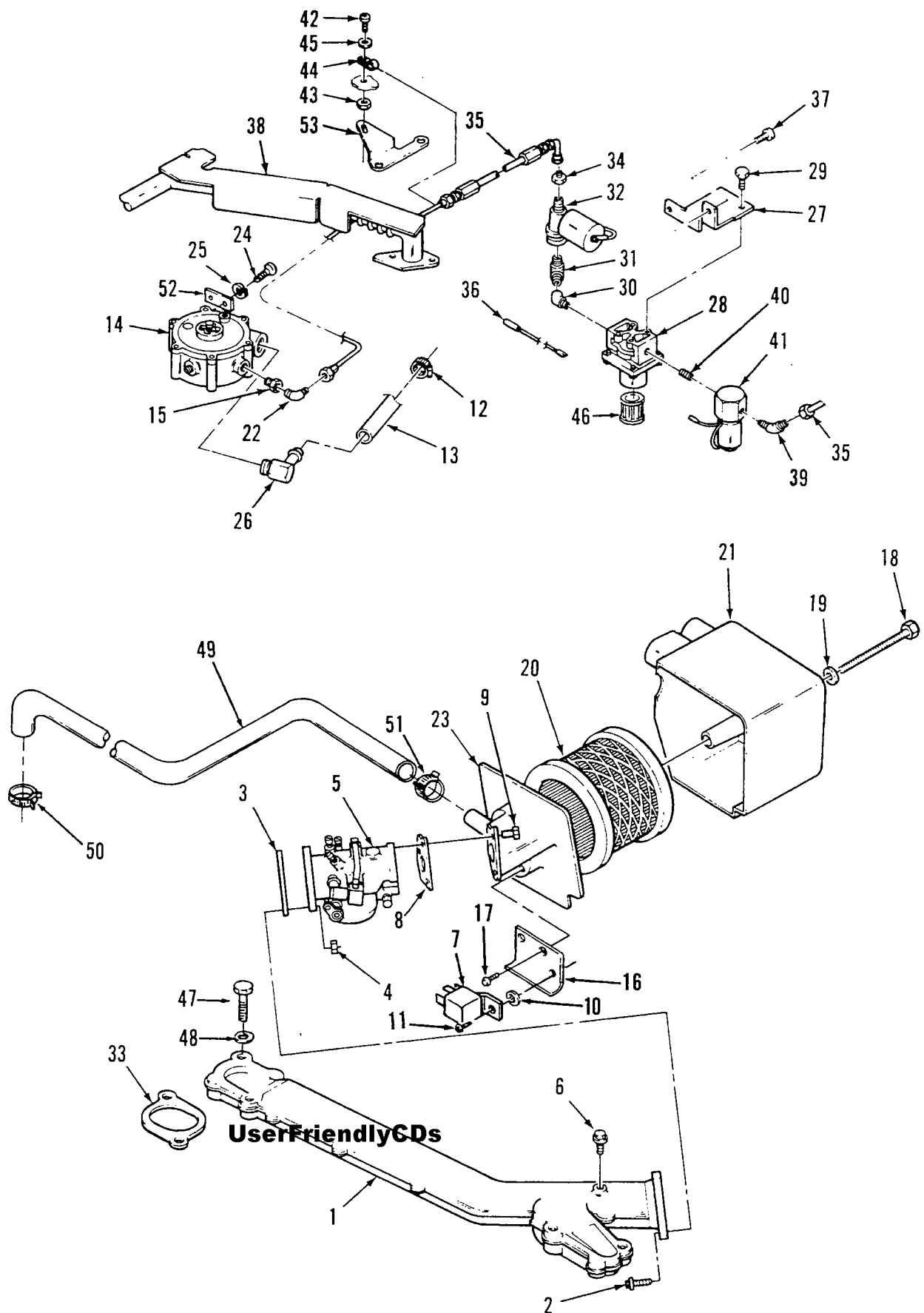
Fuel System (Gasoline)



Fuel System (Gasoline)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-2447	1	Manifold, Intake	26	503-1252	1	Hose, Vacuum (3/16" ID x 3" Long)
2	815-0587	2	Screw, Hex Washer Head (Special)	27	502-0871	1	Fitting, Vacuum - Intake 90°
3	141-0950	1	Gasket, Mounting - Carburetor	28	502-0313	1	Elbow, 90°
4	862-0015	1	Nut, Hex (5/16-18)	29	332-2431	1	Terminal, Lead - Fuel Pump (.225")
5	146-0455	1	Carburetor (Includes Mounting Gasket) (See Separate Page for Components)	30			Line, Fuel (Includes 2 Inverted Nuts)
6	502-0002	2	Elbow, Male - Inverted		149-2084	1	Use With Fuel Pump 149-2110
7	153-0555	1	Element And Cover, Choke		149-1929	1	Use With Fuel Pump 149-1994
8	140-1087	1	Gasket, Horn - Air	31	98-5335	1	Label, Preheat
9	815-0590	3	Screw, Hex Head (Special)	32	332-2572	1	Terminal, Lead - Fuel Pump (.250 Recep)
10	153-0556	1	Housing Assembly, Choke (Includes Parts Marked *)	33	154-2495	2	Gasket, Manifold - Intake
	153-0563	1	*Housing, Choke	34	800-0033	4	Screw, Cap - Hex Head (5/16-18 x 2")
	153-0571	1	*Washer, Insulating - Choke	35	850-0045	4	Washer, Lock - Spring (5/16")
	518-0387	1	*Ring, Retainer	36	503-1345	2	Clamp, Hose
	153-0567	1	*Shaft Assembly, Housing - Choke	37	140-1919	1	Adapter, Preheater
11	815-0592	2	Screw, Hex Washer Head (Special)	38	123-1615	1	Tube, Breather
12	153-0561	1	Bracket, Mounting - Diaphragm	40	503-1133	1	Clamp, Hose - Breather Tube
13	518-0450	1	Clip, U - Diaphragm Mounting Bracket	41	503-0183	1	Clamp, Hose - Breather Tube Fits Hose O.D. 1-1/32"
14			Pump, Fuel - Electric	42	815-0261	2	Screw, Hex Washer Head - Thd. Cutting (1/4-20 x 1/2")
	149-1994	1	Used Prior To: Generator Set Serial Number F860825839 Generator Set S/N F863114065 (Not Interchangeable with 149-2110)	43	153-0578	1	Tube, Housing - Choke
				44	517-0223	1	Cap, Vinyl
				45	526-0002	1	Washer, Flat (#6)
				46	120-0140	1	Spring, By-pass
				47	145-0562	1	Rod, Inlet - Air
	149-2110	1	Begin: Generator Set Serial Number F860825893 (During Spec C) Generator S/N F863114065	48	145-0561	1	Cover, Inlet - Air
				49	503-1351	1	Hose, Preheater
				50	153-0579	1	Cover, Housing - Choke
				51	870-0421	1	Nut, Cap (#6-32)
15	153-0554	1	Bi-Metal, Choke	52	518-0466	1	Clip, Housing - Choke
16	153-0557	1	Bracket, Mounting - Housing	53	518-0459	1	Clip, Hose - Preheater
17	815-0591	2	Screw, Hex Washer Head (Special)	54	134-2100	1	Spacer, Bracket - Fuel Pump (Use With Fuel Pump 149-2110)
18	800-0017	1	Screw, Cap - Hex Head (1/4-20 x 3-1/2")	55	149-2082	1	Bracket, Pump - Fuel (Use With Fuel Pump 149-2110)
19	526-0018	1	Washer, Flat (1/4" Screw)	56	821-0009	1	Screw, Hex Washer Head - Self-Lock (1/4-20 x 3/8")
20	140-1891	1	Element, Cleaner - Air	57	856-0006	1	Washer, Lock - EIT (1/4")
21	140-1894	1	Housing, Cleaner - Air	58	815-0610	1	Screw, Hex Washer Head - Thread Form (1/4-20 x 1")
22	153-0558	1	Linkage, Choke	59	815-0261	1	Screw, Hex Washer Head - Thread Cutting (1/4-20 x 1/2")
23	140-1889	1	Adapter, Cleaner - Air				
24	153-0577	1	Linkage, Pull-off				
25	153-0576	1	Pull-off, Choke				

Fuel System (LP)

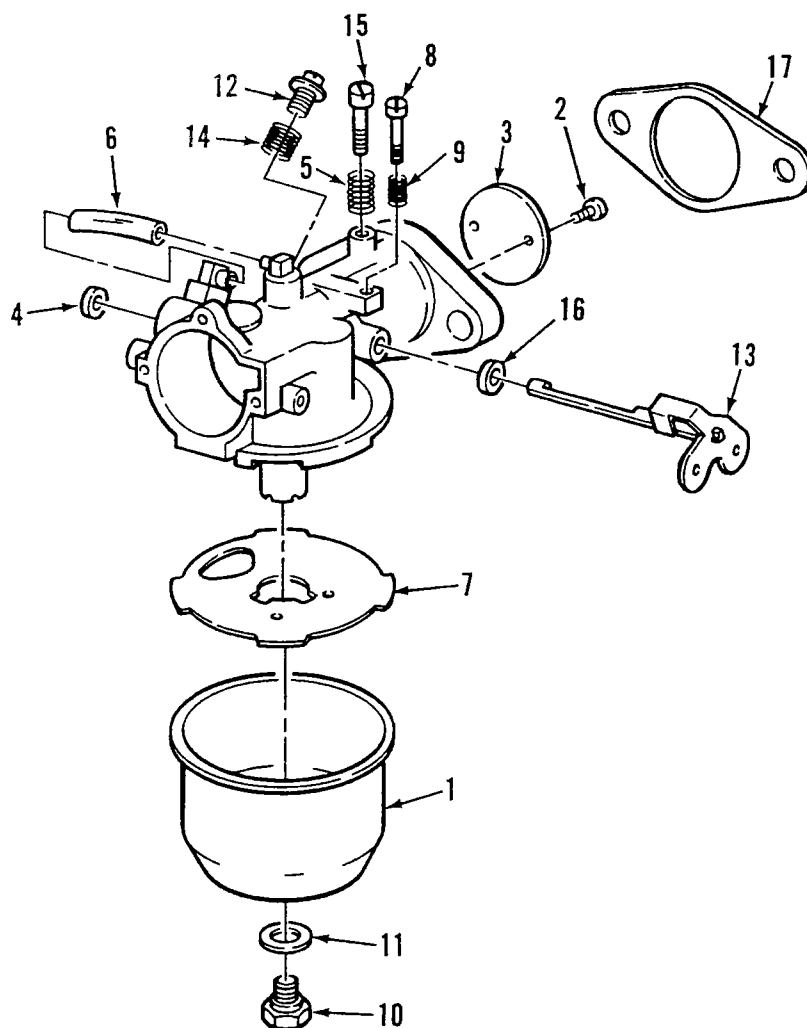


UserFriendlyCDs

Fuel System (LP)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-2447	1	Manifold, Intake	30	502-0932-01	1	Elbow, Street - 45°
2	815-0587	2	Screw, Hex Washer Head (Special)				(Front Outlet, Exhaust Manifold)
3	141-0281	1	Gasket, Mounting - Carburetor	31			Elbow, Male - 90°
4	862-0015	2	Nut, Hex (5/16-18)		502-0933-01	1	Front Outlet, Exhaust
5	141-0932	1	Carburetor (See Separate Page For Components)		502-0054	1	Manifold
6	505-0274	1	Plug, Pipe - Hex (1/8")				Bottom Outlet, Exhaust
7	307-1886	1	Relay, Ignition	32	307-2478	1	Manifold
8	140-2308	1	Gasket, Horn - Air				Solenoid, Lock - Fuel (Front
9	815-0590	3	Screw, Cap - Hex Head (Special)	33	154-2745	2	Outlet - Exhaust Manifold)
10	526-0008	1	Washer, Flat (#10)	34	502-0928-01	1	Gasket, Manifold - Intake
11			Screw, Hex Washer Head				Adapter, Reducer - Front
	815-0531	1	Special (Spec B)	35	501-0525	1	Outlet - Exhaust Manifold
	821-0005	1	#10-32 x 1/2" (Spec D)	36	336-9679	1	Line, Fuel
12	503-0183	2	Clamp, Hose (9/16 to 1-1/16")	37	815-0261	2	Lead, Bracket - Filter Mounting
13	503-1365	1	Hose, Fuel (7-1/2" Long)	38	154-2627	1	Screw, Hex Washer Head
14	148-0893	1	Regulator				(1/4-20 x 1/2")
15	502-0927-01	1	Bushing, Reducer (3/8 x 1/4")				Manifold, Exhaust
16			Bracket, Mounting - Housing	39	502-0965-01	1	(Includes Heat Shield And Fuel Line)
	153-0557	1	Spec B				Elbow, Reducing - 45°
	307-2559-01	1	Spec D - Zinc Plated	40	502-0929-01	1	(Bottom Outlet, Exhaust
17	815-0591	2	Screw, Hex Washer Head (Special)	41	307-2501	1	Manifold)
18	800-0017	1	Screw, Cap - Hex Head (1/4-20 x 3-1/2")				Nipple, Close (Bottom
19	526-0018	1	Washer, Flat (1/4" Screw)	42	815-0176	1	Outlet, Exhaust Manifold)
20	140-1891	1	Element, Cleaner - Air	43	870-0221	1	Valve, Fuel Shut-off
21	140-1894	1	Housing, Cleaner - Air	44	503-1190	1	(Bottom Outlet, Exhaust
22	502-0838	1	Elbow, Reducing - 90°	45	526-0003	1	Manifold)
23	140-1889	1	Adapter, Cleaner - Air	46	148-0898	1	Screw, Hex Head - Machine
24	815-0647	2	Screw, Hex Washer Head (1/4-20 x 5/8")	47	800-0033	4	#(8-32 x 1/2")
25	850-0040	2	Washer, Lock (1/4")				Nut, Hex (#8-32)
26	502-0935	1	Elbow, 90°	48	740-1006	4	Clamp, Hose
27			Bracket, Mounting - Filter	49	123-1615	1	Washer, Flat (#8)
	148-0896	1	Bottom Outlet Exhaust	50	503-0183	1	Element, Filter - Fuel
	148-0903	1	Front Outlet Exhaust				Screw, Cap - Hex Head
28	148-0890	1	Filter, LPG (Includes Element And O-Rings)	51	503-1133	1	(5/16-18 x 2")
29			Screw, Cap - Hex Head - Thread Form (1/4-20 x 1/2")	52	148-0897	1	Washer, Flat (M8)
	815-0370	1	Spec B	53	149-2032-01	1	Tube, Breather
	815-0261	2	Spec D				Clamp, Hose - Breather
							Tube (1.13" Dia.)
							Clamp, Hose - Breather
							Tube (.900" Dia.)
							Washer, Mounting - Regulator
							Bracket, Fuel Line - LP -
							Zinc Plated

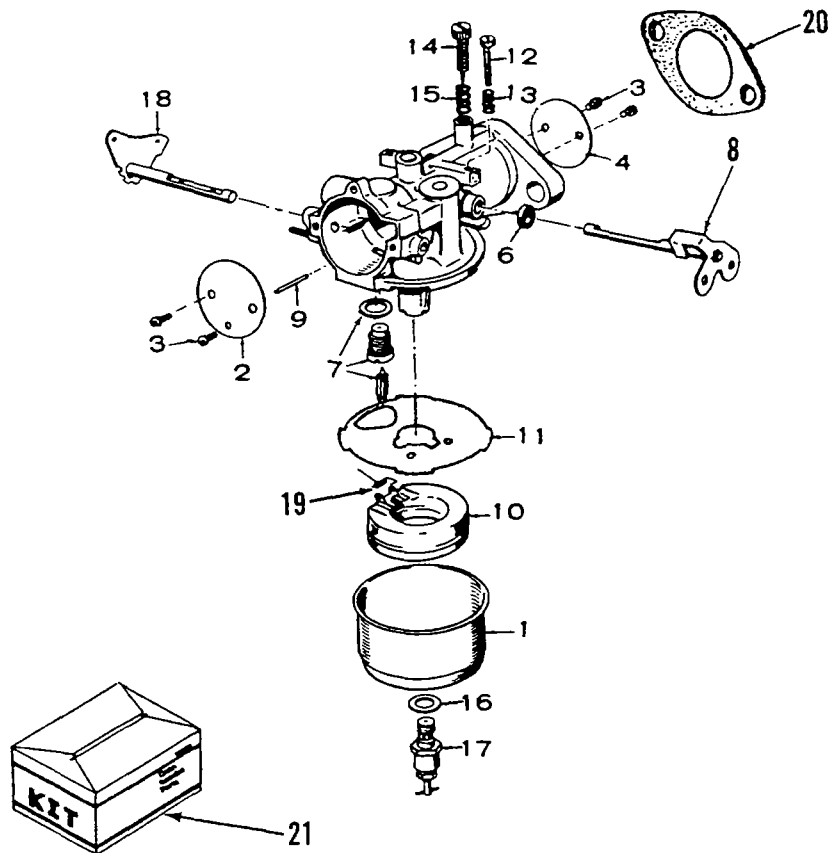
Carburetor Components (LP)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	141-0932	1	Carburetor, Complete	9	141-0711	1	Spring, Stop - Throttle
1	141-0708	1	Bowl, Fuel	10	141-0736	1	Plug, Bowl
2	141-0698	2	Screw, Round Head With Washer	11	141-0077	1	Washer, Plug - Bowl
3	141-0919	1	Plate, Throttle	12	141-0934	1	Needle, Adjust - Idle
4	141-0940	1	Seal, Dust	13	141-0936	1	Lever, Shaft - Throttle
5	141-0935	1	Spring, Needle - Idle	14	141-0939	1	Spring, Screw - Main Jet
6	141-0938	1	Tube, Idle (Rubber)	15	141-0937	1	Needle, Adjust - Idle
7	141-0701	1	Gasket, Bowl	16	141-0924	1	Seal, Rubber
8	141-0700	1	Screw, Stop - Throttle	17	141-0281	1	Gasket, Flange - Carburetor

Carburetor Components (Gasoline)
Facet
(Spec A-C)

5600-0010

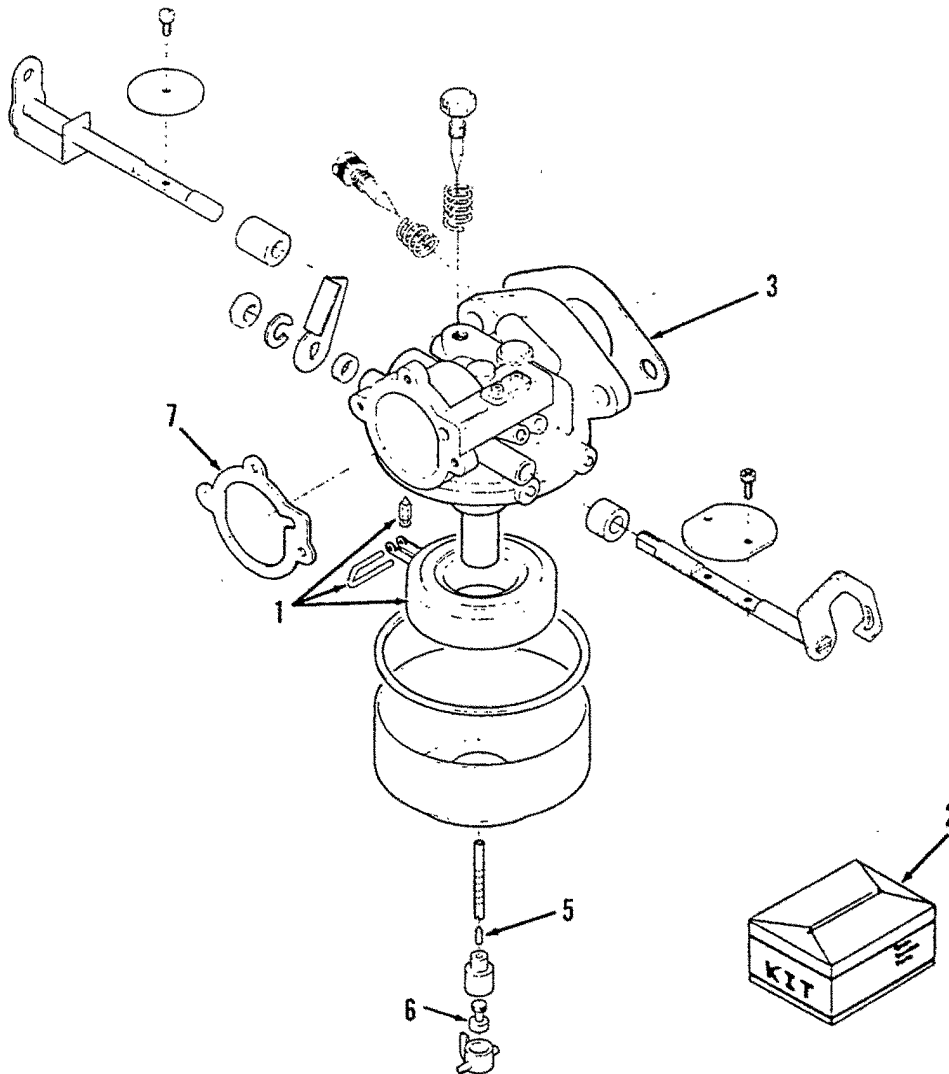


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	146-0455		Carburetor, Complete Gasoline - Electric Choke	13	141-0711	1	Spring, Stop - Throttle
1	141-0708	1	Bowl, Fuel	14	141-0713	1	*Needle, Adjusting - Idle
2	141-0741	1	Plate, Choke	15	141-0710	1	Spring, Needle - Idle Adjusting
3	141-0698	4	Screw, Round Head With Washer	16	141-0077	1	#*Washer, Jet - Main
4	141-0919	1	Plate, Throttle	17	141-0942	1	Jet, Main (Adjustable) (Includes Packing)
6	141-0924	1	#*Seal, Rubber	18	141-0921	1	Shaft, Choke
7	141-0923	1	#*Seal Assembly, Valve	19	141-0799	1	*Spring, Fuel Float
8	141-0920	1	Shaft, Throttle	20	141-0281	1	#*Gasket, Flange - Carburetor
9	141-0703	1	*Shaft, Float Pivot	21			Kit
10	141-0702	1	Float, Carburetor		141-0927	1	Repair, Carburetor (Includes Parts Marked*)
11	141-0701	1	#*Gasket, Bowl		141-0928	1	Gasket, Carburetor (Includes Parts Marked#)
12	141-0700	1	Screw, Throttle Stop				

* - Included In Repair Kit 141-0927.

- Included In Gasket Kit 141-0928.

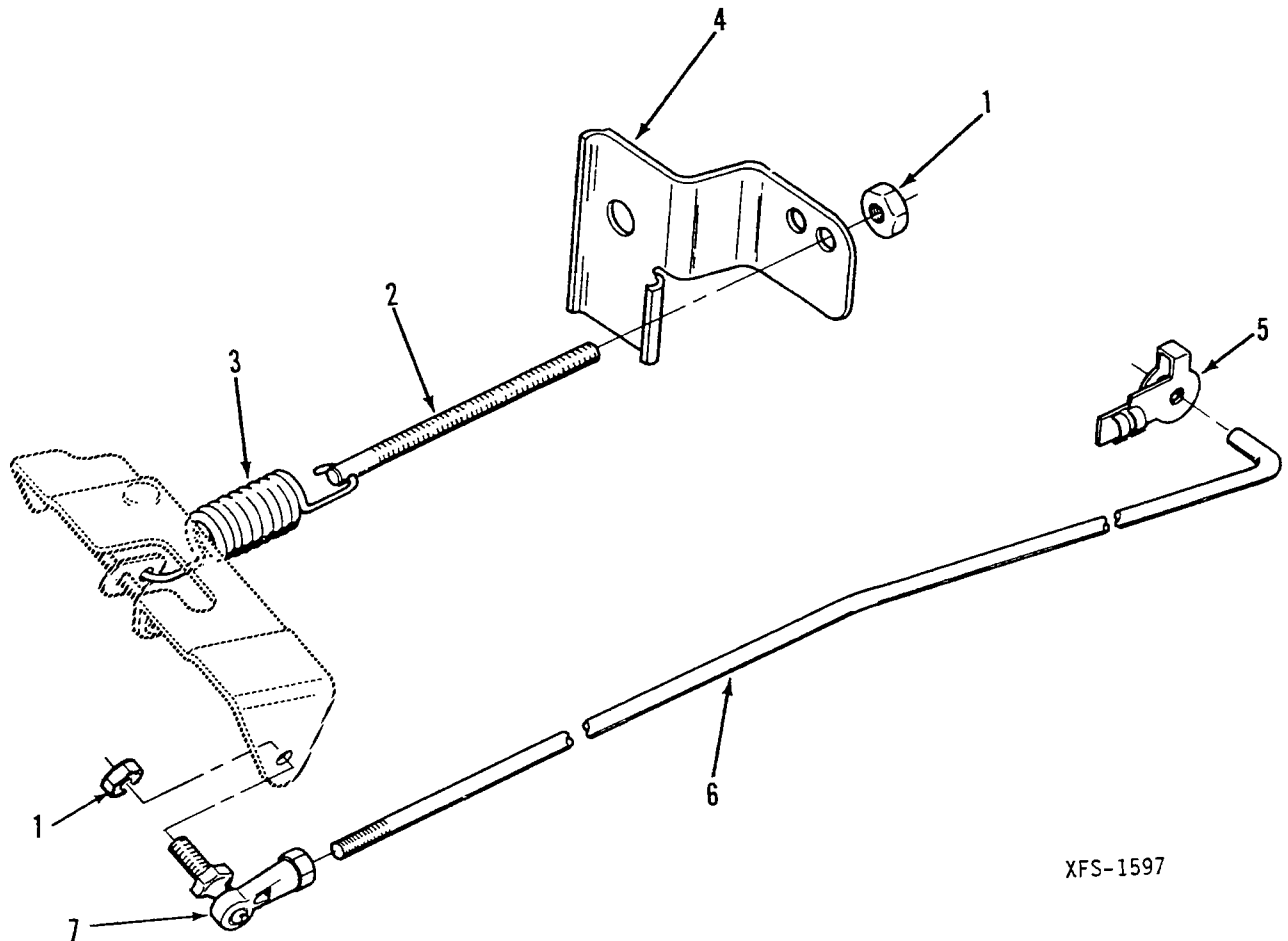
Carburetor Components (Gasoline)
Nikki
(Spec C-F)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	146-0455	1	Carburetor, Complete (Includes Mounting Gaskets)	3	141-0281	1	Gasket, Mounting - Carburetor
1	146-0453	1	Float Kit, Carburetor (Includes Float, Pin and Valve)	5	146-0449	1	Jet, Idle
2	146-0457	1	Repair Kit, Carburetor (Includes Gasket Package, Float Valve, Idle Adjust Needle And Spring, Mounting Gaskets, Adjust Limit Caps, Throttle Stop Screw And Spring)	6	146-0450	1	Jet, Power
				7	140-1087	1	Gasket, Horn - Air

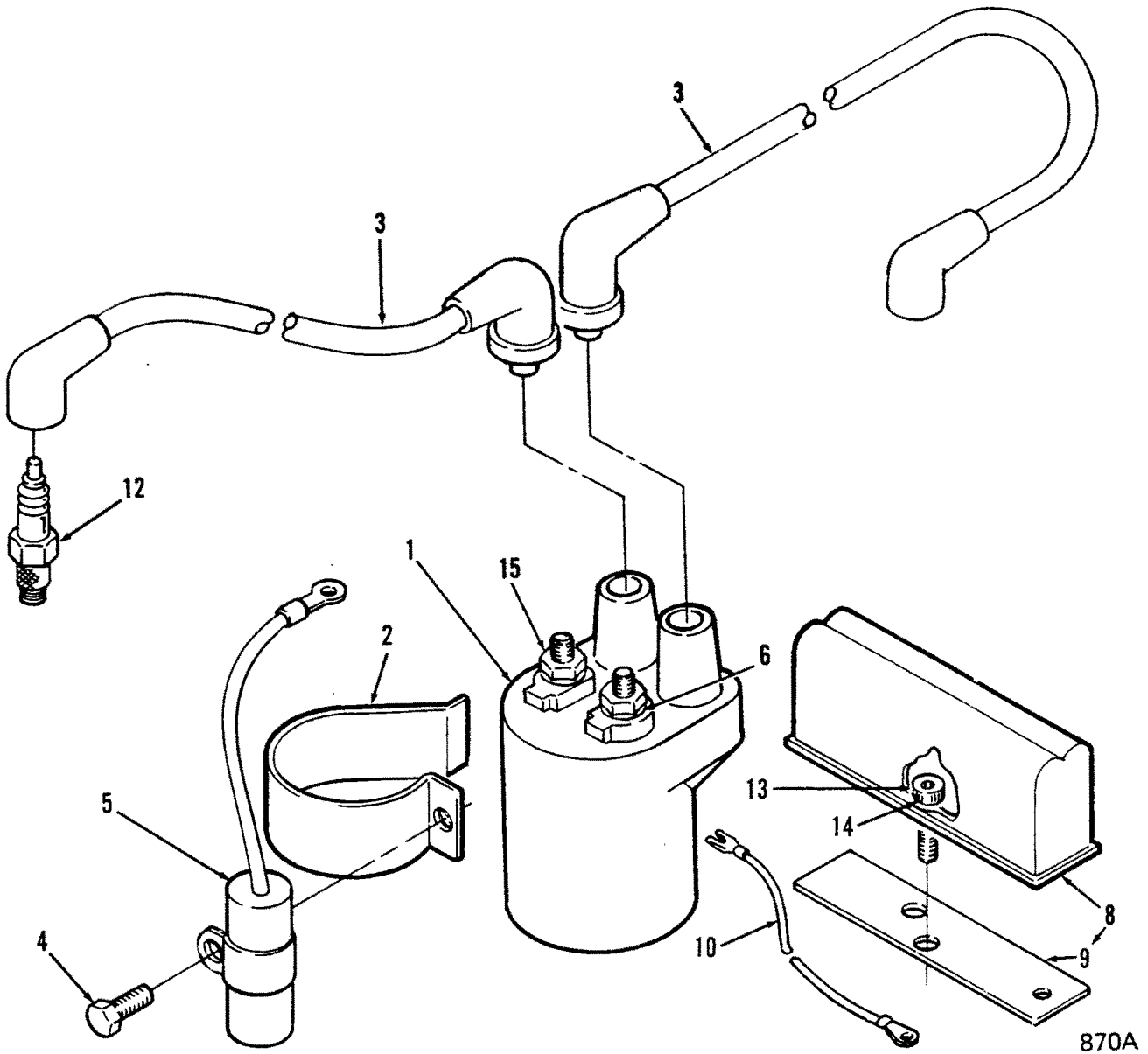
Governor

5620-0067
5620-0128



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0131	2	Nut, Hex - Self-Locking (10-32)	5	518-0006	1	Clip, Retaining
2	150-0096	1	Stud, Speed Adjustment	6	150-1957	1	BGE
3	150-1612	1	Spring, Governor		150-2102	1	BGEL
4	150-1958-02	1	Bracket, Governor - Zinc Plated	7	150-0939	1	Joint, Ball

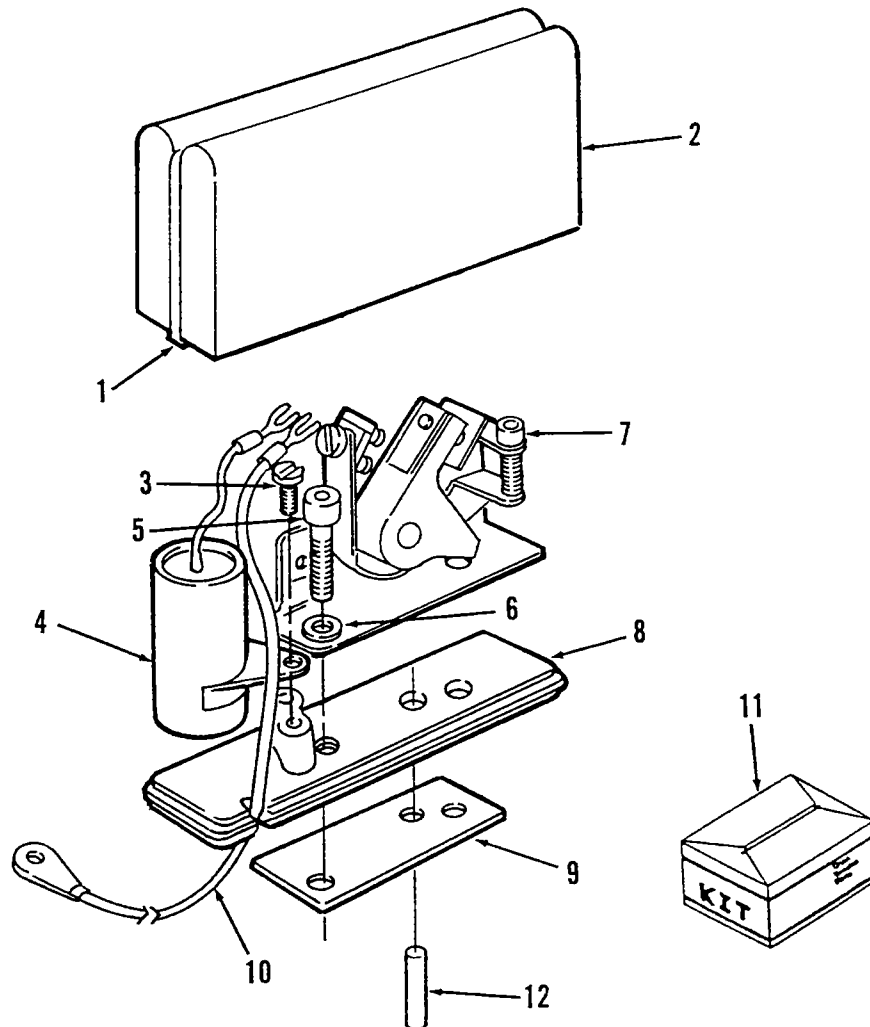
Ignition System



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	166-0772	1	Coil, Ignition (Includes Nuts And Washers)	6	850-2005	2	Washer, Lock (8 MM)
2	166-0747	1	Clamp, Coil	8			Box, Breaker (See Separate Page For Components)
3		1	Cable, Plug - Spark Used on BGE Spec A-C and BGEL Spec B		160-1303	1	Used on BGE Spec A-C and BGEL Spec B
	167-1605-02	1	135" Boot Used on BGE Spec E and BGEL Spec D		160-1325	1	Used on BGE Spec E and BGEL Spec D
	167-1615-01	1	9" Long	9	160-1150	1	Gasket, Mounting - Breaker Box
	167-1615-06	1	26" Long	10	336-2378	1	Lead, Coil To Breaker Box Mounting
4			Screw, Hex Washer Head - Thd. Cutting (1/4-20 x 1/2")	12	167-0263-01	2	Plug, Spark
	815-0370	1	Used on BGE Spec A-C and BGEL Spec B	13	802-0034	2	Screw, Cap - Socket Head (1/4-20 x 3/4")
	815-0261	1	Used on BGE Spec E and BGEL Spec D	14	850-0038	2	Washer, Lock - Spring (1/4")
5	312-0249	1	Condenser, Ignition	15	166-0554	2	Nut, Hex (8 MM)

Breaker Box

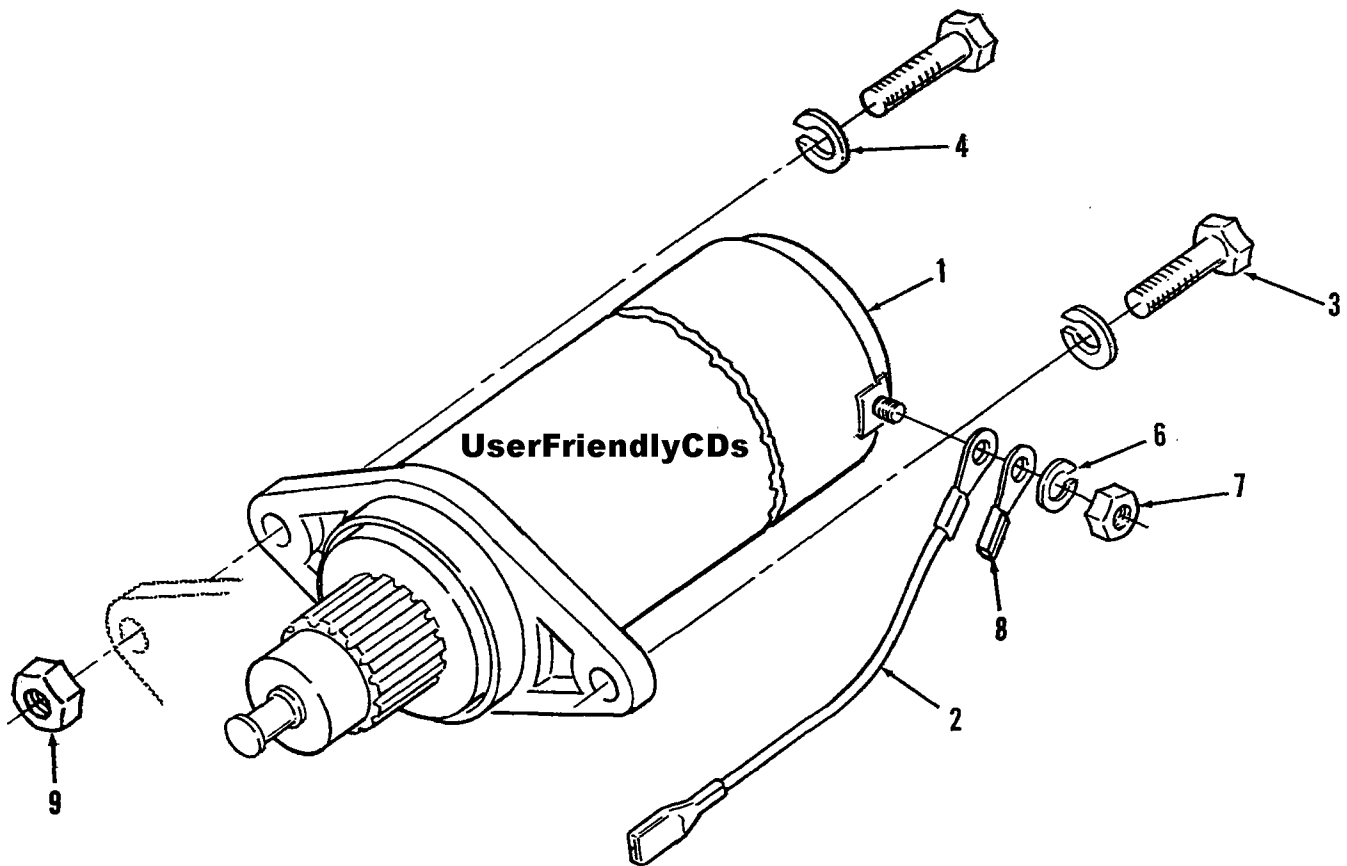
5600-0015



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	160-1325	1	Box, Breaker Complete (Includes Parts Marked *)	6	850-0038	2	*Washer, Lock - Spring (1/4")
1	160-1317	1	*Clip, Cover - Breaker Box	7	160-1183	1	*Point, Breaker
2	160-1316	1	*Cover, Box - Breaker	8	160-1314	1	*Base, Box - Breaker
3	815-0358	1	*Screw, Hex Head - Slotted Thread Form (#8-32 x 5/16")	9	160-1150	1	*Gasket, Box - Breaker
4	312-0246	1	*Condenser, Ignition	10	336-2378	1	Lead, Breaker Box To Coil
5	802-0034	2	*Screw, Cap - Socket Head (1/4-20 x 3/4")	11	160-1328	1	Tune-up Kit, Ignition (Includes Points And Condenser)
				12	160-1151	1	Plunger, Points - Breaker

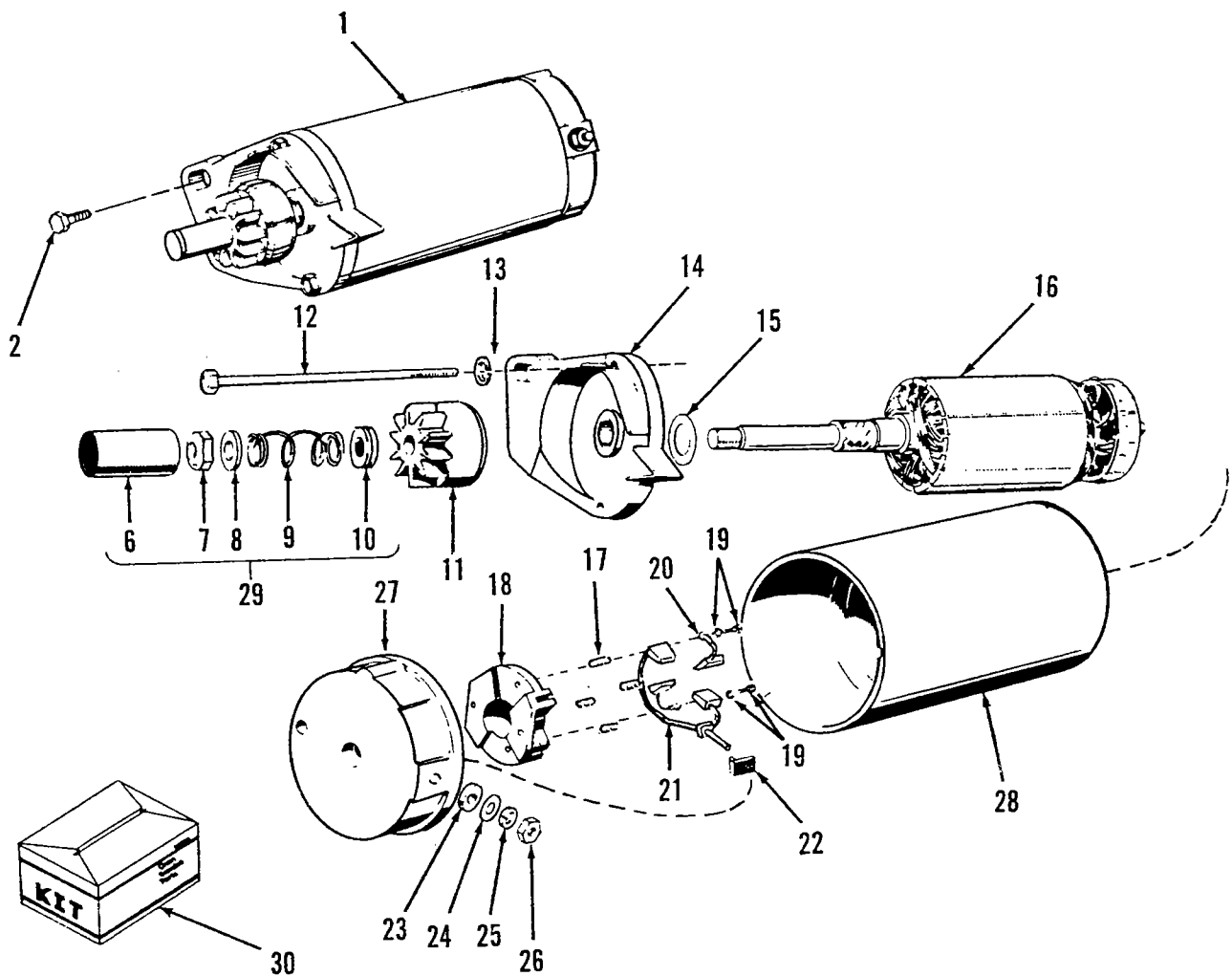
* - Parts Included In 160-1325 Breaker Box.

Starter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Starter, 12 Volt (See Separate Page For Components)	6	850-0040	1	Washer, Lock (1/4") 4.0 BGE, BGEL
	191-1599	1	Spec A	7	862-0001	1	Nut, Hex (1/4-20) 4.0 BGE, BGEL
	191-1667	1	Begin Spec B	8	332-2748	1	Terminal, Ring (1/4") (Used on BGE Spec A-C and BGEL Spec B)
2	226-2426	1	Lead, Starter (Used on BGE Spec E and BGEL Spec D)	9	862-0003	2	Nut, Hex (3/8-16)
3	800-0052	2	Screw, Hex Head - Cap (3/8-16 x 1-1/2")				
4	850-0050	2	Washer, Lock (3/8")				

Starter Components - Spec A



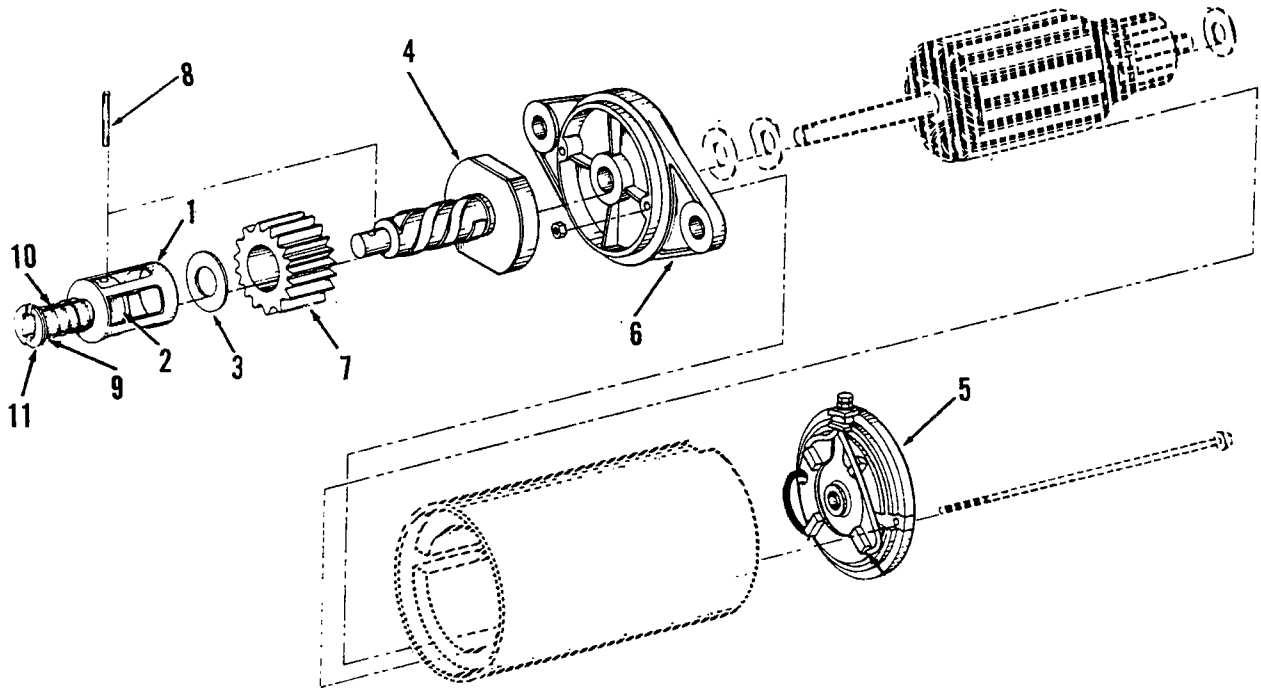
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1599	1	Motor, Starter (Complete)	20	NFS	2	+*Brush, Ground
2	815-0570	2	Screw, Cap - Hex Washer Head (Special)	21	NFS	1	+*Stud And Brush, Input
6	NFS	1	#Cover, Dust	22	NFS	1	+Bushing, Insulation - Input Stud
7	NFS	1	#Nut, Stop	23	NFS	1	+Washer, Insulation - Input Stud
8	NFS	1	#Washer, Stop Nut	24	NFS	1	+Washer, Flat - Input Stud
9	NFS	1	#Spring, Anti-drift	25	NFS	1	+Washer, Lock - Input Stud
10	NFS	1	#Spacer, Dust Cover	26	NFS	1	+Nut, Securing - Input Stud
11	191-1156	1	Drive	27	191-1040	1	Cap, Commutator (Includes Parts Marked +)
12	191-1048	2	Screw, Cap - Hex Head(Special)	28	NFS	1	Housing, Motor - Starter
13	850-0040	2	Washer, Lock (1/4")	29	191-1359	1	Cover, Dust (Includes Parts Marked #)
14	191-1633	1	Cap, Drive End	30	191-1041	1	Repair Kit, Brush - Spring And Stud (Includes Parts Marked *)
15	191-1038	1	Washer, Armature Thrust				
16	191-1039	1	Armature				
17	NFS	4	+*Spring, Brush				
18	NFS	1	+Holder, Brush				
19	NFS	2	+Screw And Lockwasher				

+ - Included In The 191-1040 Cap.

* - Included In The 191-1041 Brush, Spring And Stud Kit.

- Included In The 191-1359 Dust Cover.

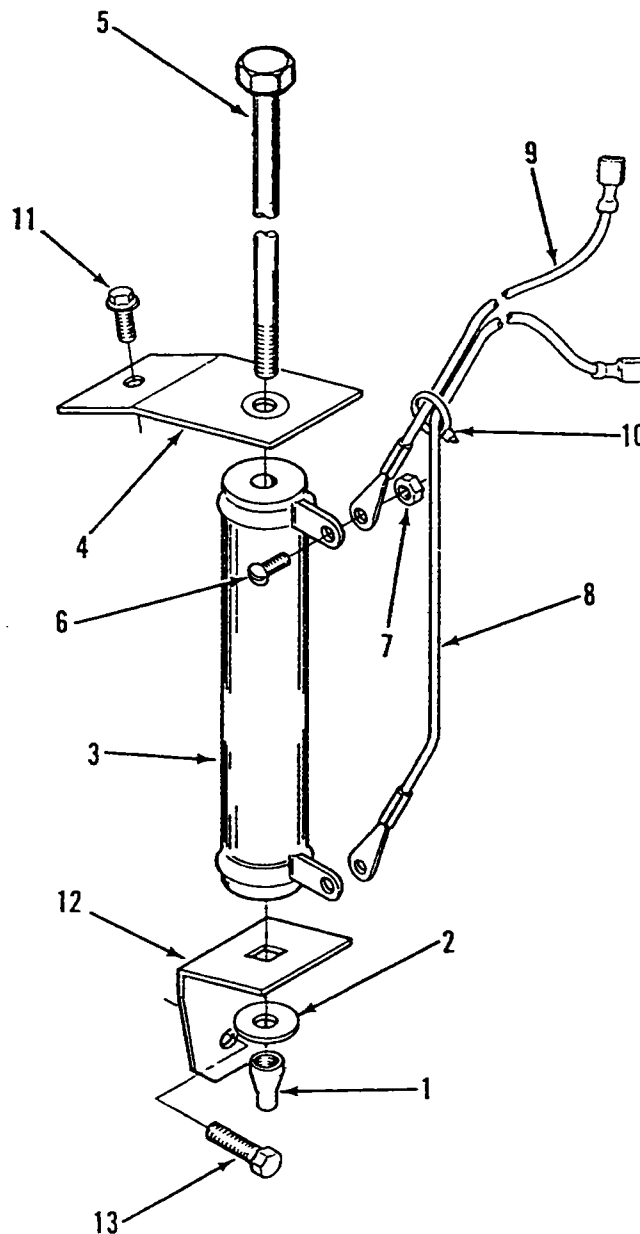
Starter Components (Begin Spec B)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	191-1667	1	Motor, Starter (Complete)	6	191-1776	1	Cap, Drive End
1	191-1817	1	Cover, Spring	7	191-1819	1	Gear, Starter
2	191-1818	1	Retainer, Clutch	8	191-1786	1	Pin, Roll
3	191-1785	1	Washer, Drive	9	191-1822	1	Washer, Pinion
4	191-1784	1	Clutch And Spline	10	191-1820	1	Spring, Pinion
5	191-1781	1	Cap, End	11	191-1821	1	Retainer, Spring

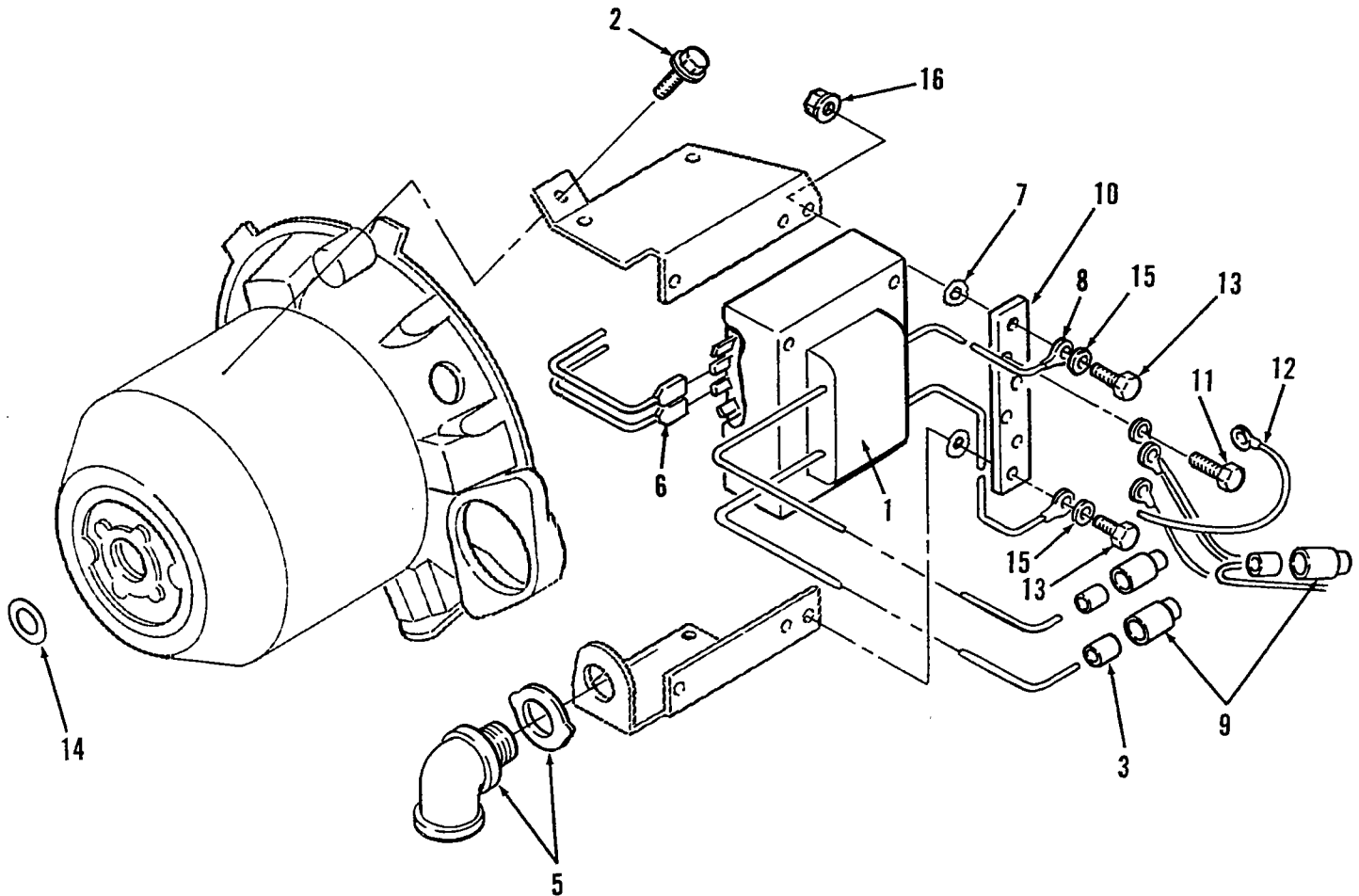
Resistor Assembly

5600-0052



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0196	1	Nut, Insulation (#8)	10	332-0942	2	Tie, Cable
2	304-0015	1	Washer, Centering	11	815-0340	1	Screw, Hex Washer Head Thread Form (10-32 x 3/8")
3	304-0044	1	Resistor, Fixed - 2.5 Ohms 50 Watts	12	304-0772	1	Bracket, Mounting - Resistor Forming (1/4-20 x 1/2")
4	304-0773	1	Bracket, Mounting - Resistor	13			Screw, Hex Washer Head - Thread Cutting (1/4-20 x 1/2")
5	815-0583	1	Screw, Cap - Hex Head (Special)		815-0370	1	Used on BGE Spec A-C and BGEL Spec B
6	812-0061	2	Screw, Round Head (#6-32 x 3/8")		815-0261	1	Used on BGE Spec E and BGEL Spec D
7	870-1183	2	Nut, Hex (Special)				
8	226-2754	1	Lead, 7" Long				
9	226-2753	1	Lead, 3" Long				

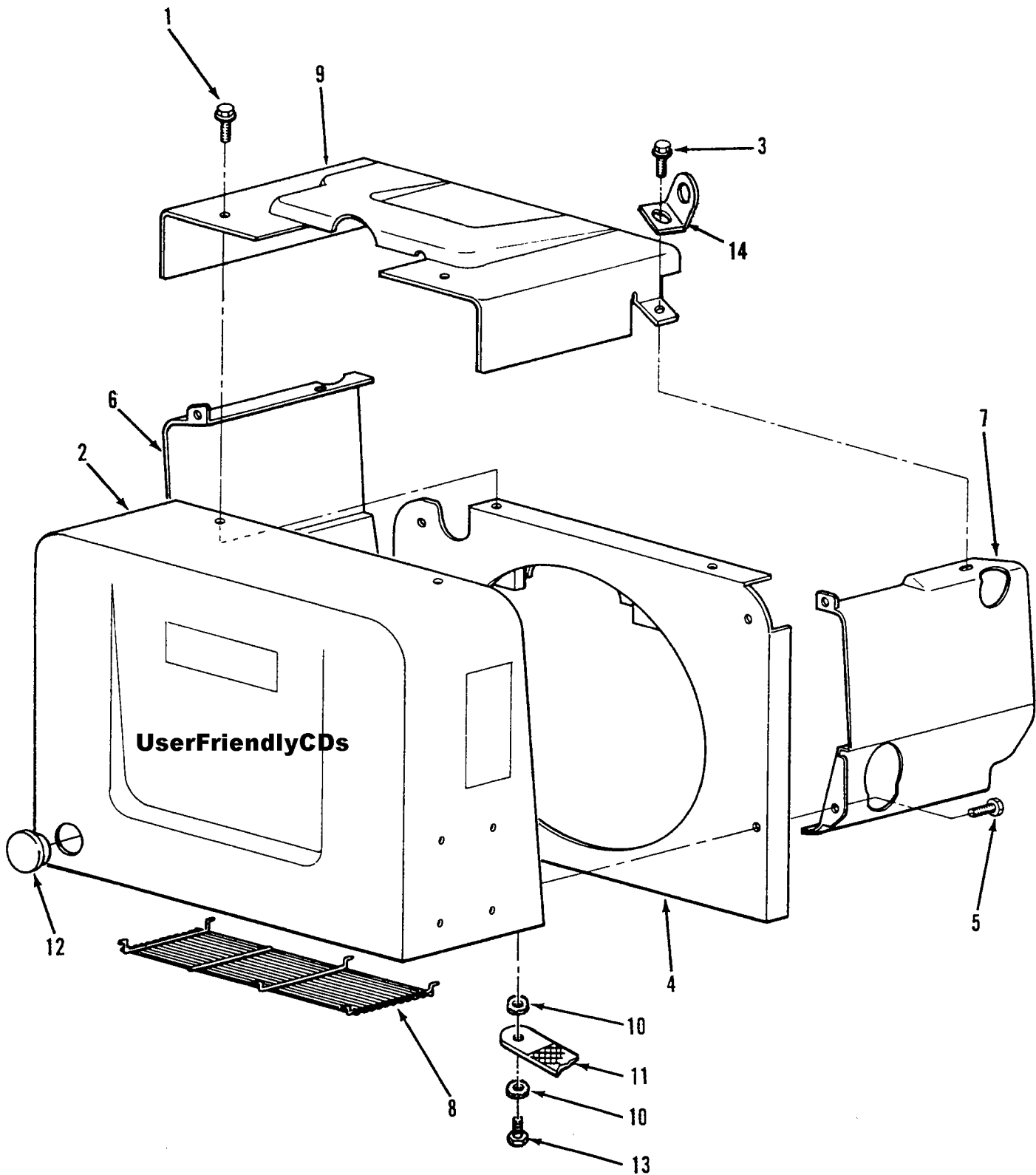
Transformer Regulator



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	315-0605	1	Transformer-Regulator 60 Hertz - 120 Volt 50 Hertz	10	337-2229	1	Bar, Bus (4-1/4" Long)
	315-0645	1	110/220 Volt	11	815-0194	2	Screw, Cap - Hex Head (10-32 x 3/8")
	315-0646	1	120/240 Volt (BGE Spec A-C and BGEL Spec B Only)	12	332-0941	1	Tie, Cable 60 Hertz
2			Screw, Hex Washer Head - Thread Form		332-0941	2	50 Hertz
	815-0337	3	BGE (1/4-20 x 3/4")	13	815-0235	2	Screw, Cap - Hex Head BGE (Spec A-C Only) 60 Hertz (1/4-20 x 5/8")
	815-0290	2	BGEL (1/4-20 x 5/8")		815-0610	2	BGE, BGEL - 50 Hertz (1/4-20 x 1") - Also BGEL 60 Hertz
3			Connector, Parallel	14	509-0196	1	O-Ring, Stator Housing
	332-0418	2	60 Hertz	15	526-0018	2	Washer, Flat (1/4" Screw)
	332-0418	3	50 Hertz	16	870-0433-03	2	Nut, Push-on (1/4-20)
5	331-0009	1	Connector (3/4" x 90")	* - Parts Included In Transformer-Regulator.			
6	332-1993	2	Terminal, Receptacle (1/4") (Spec A-C Only)				
7	856-0008	2	Washer, Lock - EIT (5/16")				
8	332-0046	2	Terminal, Ring (5/16") (Spec A-C Only)				
9			Cap, Insulating				
			60 Hertz				
	332-2699	3	4.0 BGE/BGEL (Spec A-C) 50 Hertz				
	898-1193-03	6	3.5 BGE (Spec A-C)				
	898-1193-03	3	3.5 BGE (Spec E)				

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Air Housing

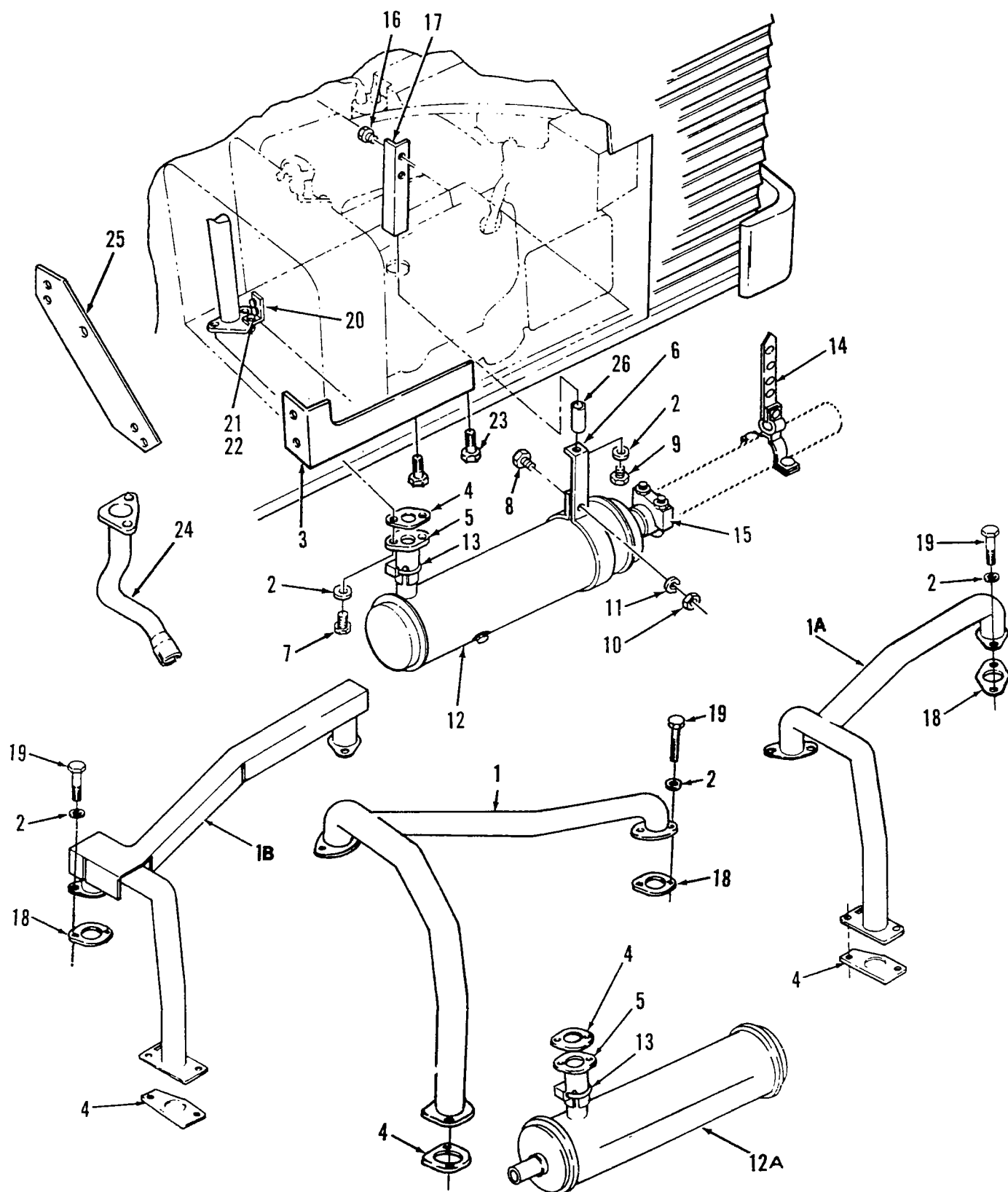


Air Housing

5620-0067
5620-0128

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Screw, Hex Washer Head Self-locking	6	134-4353	1	Housing, Cylinder Air - Left
	821-0009	11	1/4-20 x 3/8" (Used on BGE Spec A-C and BGEL Spec B)	7	134-4352	1	Housing, Cylinder Air - Right
	821-0010	2	1/4-20 x 1/2" (Used on BGE Spec E and BGEL Spec D)	8	134-4348	1	Guard, Scroll
2	134-4463	1	Scroll (Includes Baffle)	9	155-2040	1	Shield, Noise (BGE Sets Only)
3			Screw, Hex Washer Head - Self-locking	10	856-0010	2	Washer, Lock (EIT - 3/8")
	821-0014	2	3.5 BGE (Spec A-C) (5/16-18 x 1/2")	11	337-2311	1	Strap, Ground (Mounts Scroll To Drip Pan)
	821-0016	2	4.0 BGE/BGEL (5/16-18 x 3/4")	12	517-0283	1	Plug, Dot Button - Use With Above Floor Models - Scroll 134-4345
4	134-4354	1	Backplate, Scroll	13	800-0048	1	Screw, Cap - Hex Head (3/8-16 x 3/4")
5	815-0261	4	Screw, Hex Head - Tapping Cylinder Air Housing (Right Hand) (1/4-20 x 1/2")	14	403-1523	2	Bracket, Lifting (Used on BGE Spec A-C and BGEL Spec B Only)

Exhaust System - Above Floor Models

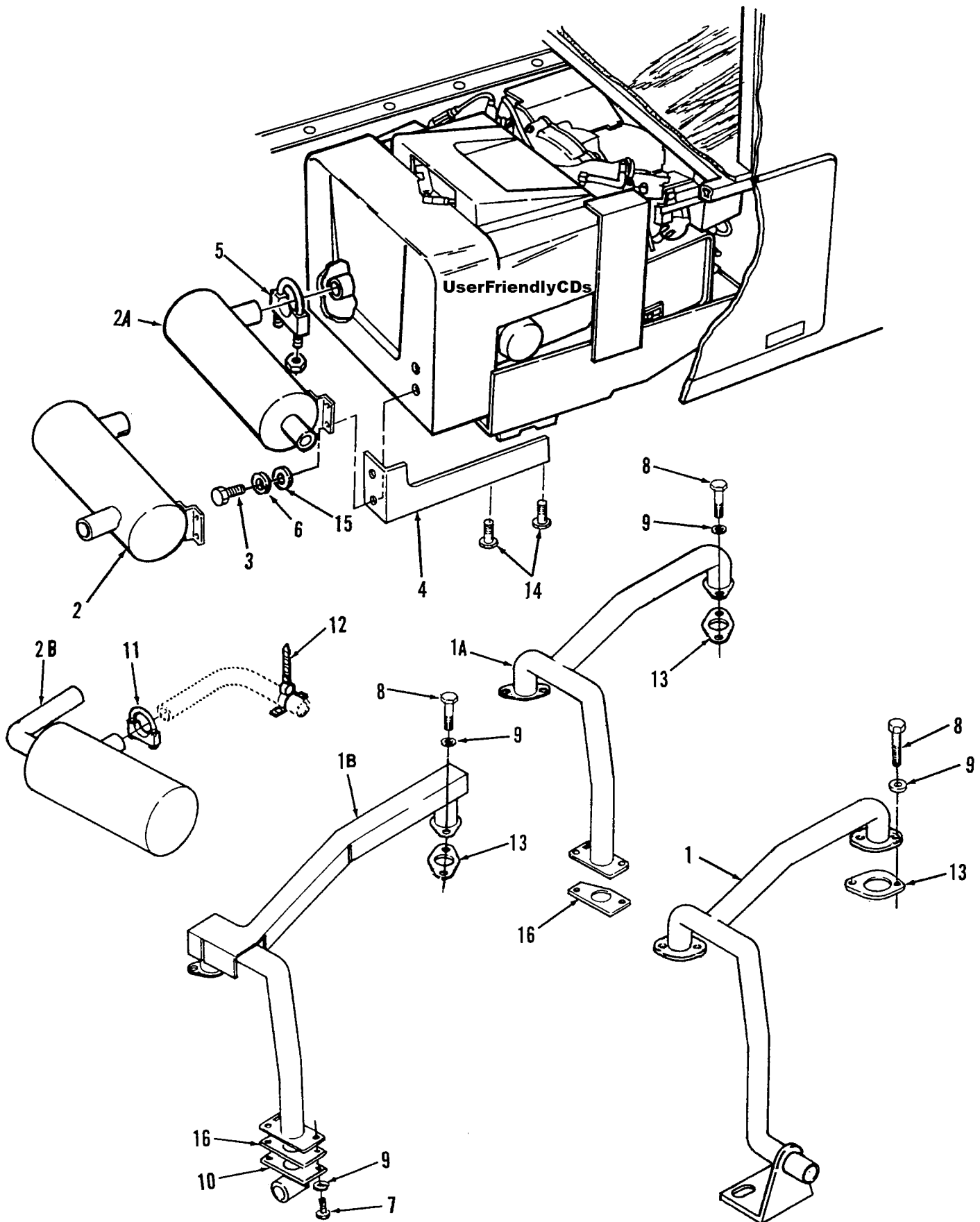


Exhaust System - Above Floor Models

5620-0065
5620-0127

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-2462	1	Manifold, Exhaust - Bottom Outlet (Spec A)	12A	155-1485	1	Muffler, Arrestor - Spark (Same End Inlet, Outlet)
1A	154-2551	1	Manifold, Exhaust - BGE (Begin Spec B)	13	155-1239	1	Clamp, Muffler
1B	154-2627	1	Manifold, Exhaust - BGEL (Begin Spec B)	14	155-2174	1	Hanger, Exhaust
2	850-0045	7	Washer, Lock (5/16")	15	155-1015	1	Clamp, Muffler
3	155-2049	1	Bracket, Exhaust (Begin Spec B)	16		1	Screw, Hex Washer Head - Thread Form
4			Gasket, Exhaust		815-0499	2	1/4-20 x 5/8"
	154-2061	1	Spec A		815-0261	2	1/4-20 x 1/2"
	154-2542	1	Begin Spec B	17	155-2026	1	Strap, Muffler
5			Adapter, Exhaust - Flange Type	18	154-2746	2	Gasket, Exhaust Manifold
	154-2469	1	2-7/16" Long (Spec A)	19	800-0026	4	Screw, Cap - Hex Head (5/16-18 x 3/4")
			Begin Spec B	20			Bracket, Exhaust Manifold
	154-2540	1	4-1/4" Long		155-2036	1	BGEL (1.97" Long)
	154-2683	1	6-1/4" Long		154-2538	1	BGE (2.31" Long)
	154-2718	1	8" Long		155-2049	1	BGE (9.19" Long)
6	155-2025	1	Strap, Muffler	21	800-0005	1	Screw, Cap - Hex Head (1/4-20 x 3/4")
7			Screw, Cap - Hex Head	22	526-0018	1	Washer, Flat (1/4")
	800-0030	2	5/16-18 x 1-1/4" (Spec A Only)	23	821-0029	2	Screw, Hex Washer Head - Self-Lock (3/8-16 x 3/4") (Begin Spec B)
	800-0730	2	5/16-18 x 1"	24	154-2662	1	Tube, Exhaust - 11" Long (Use With 154-2663 Bracket) (Begin Spec B)
8	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")	25	154-2663	1	Bracket, Exhaust (Use With 154-2662 Tube) (Begin Spec B)
9			Screw, Cap - Hex Head	26	370-4027	1	Spacer, Muffler - 2" Long (Used Only On RVs With 6-1/4" Long Exhaust Adapter) (Begin Spec B)
	800-0026	1	Use With-Out Spacer (5/16-18 x 3/4")				
	800-0036	1	Use With Spacer (5/16-18 x 2-3/4")				
10	862-0001	1	Nut, Hex (1/4-20)				
11	850-0040	1	Washer, Lock (1/4")				
12	155-1258	1	Muffler, Arrestor - Spark (Side Inlet, End Outlet)				

Exhaust System - Below Floor Models

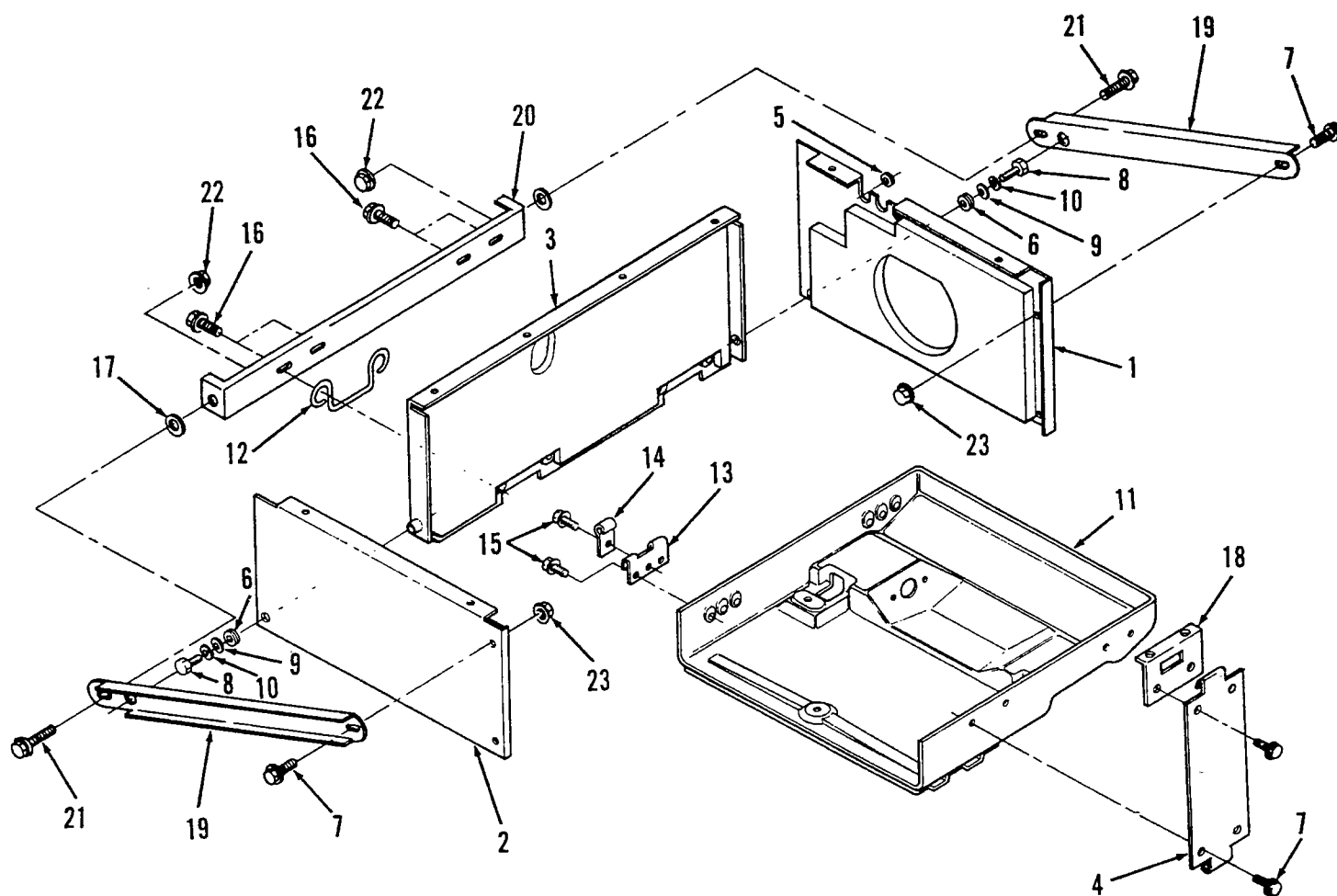


Exhaust System - Below Floor Models

5620-0065
5620-0127

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-2510	1	Manifold Assembly, Exhaust - Front Outlet (Spec A)	4		1	Bracket, Exhaust Manifold 1.56 x 1.97"
1A	154-2551	1	Manifold, Exhaust - BGE (Begin Spec B)		155-2036	1	9.19" Long
1B	154-2627	1	Manifold, Exhaust - BGEL (Begin Spec B)	5	155-1256	1	Clamp, Muffler
2			Muffler, Arrestor - Spark (Side Inlet, Opposite Side Outlet)	6	850-0040	2	Washer, Lock (1/4")
	155-2047	1	Spec A	7	800-0730	2	Screw, Cap - Hex Head (5/16-18 x 1")
	155-2086	1	Begin Spec B	8	800-0026	4	Screw, Cap - Hex Head Exhaust Manifold (5/16-18 x 3/4")
2A			Muffler, Arrestor - Spark (Side Inlet, Opposite End Outlet)	9	850-0045	6	Washer, Lock (5/16")
	155-2048	1	Spec A	10	154-2539	1	Tube, Exhaust
	155-2085	1	Begin Spec B	11	155-1015	1	Clamp, Muffler
2B	155-2164	1	Muffler, Spark Arrestor - (Side Inlet, Same End Outlet)	12	155-2174	1	Hanger, Exhaust Pipe
3	800-0004	2	Screw, Cap - Hex Head (1/4-20 x 5/8")	13	154-1725	2	Gasket, Exhaust Manifold
				14	821-0029	2	Screw, Hex Washer Head - Self Lock (3/8-16 x 3/4")
				15	526-0130	2	Washer, Flat (1/4")
				16	154-2542	1	Gasket, Exhaust

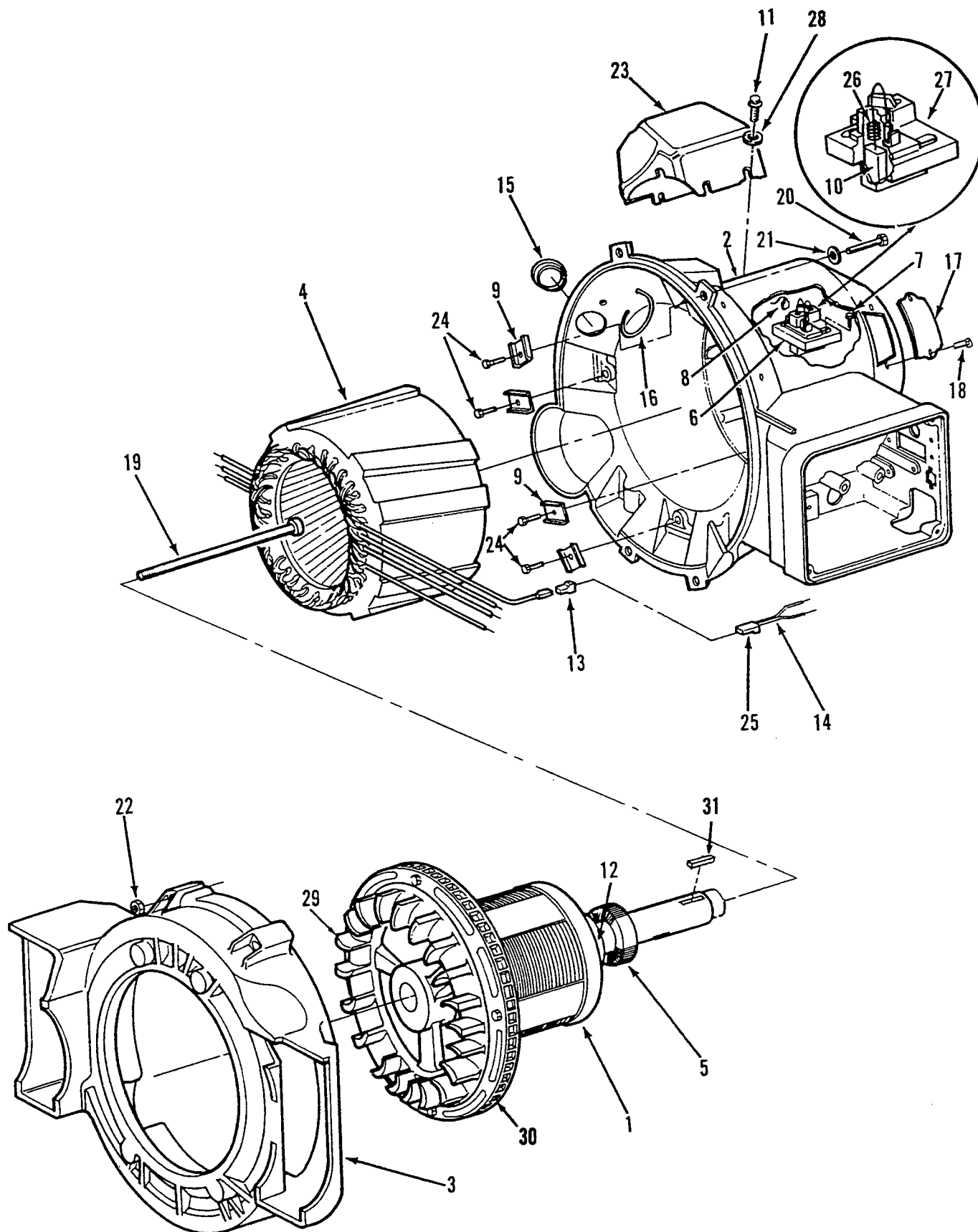
Housing - Below Floor Models



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-3332	1	Panel, Housing - Right Hand	13	406-0567	2	Plate, Hinge
2	405-3333	1	Panel, Housing - Left Hand	14	406-0568	2	Support, Hinge
3	405-3334	1	Panel, Housing - Rear	15	821-0010	6	Screw, Hex Washer Head - Lock (1/4-20 x .50")
4	405-3453	1	Support, Housing	16	821-0031	4	Screw, Hex Washer Head - Lock (3/8-16 x .75")
5	508-0071	3	Grommet, Rubber	17	526-1518	4	Washer, Flat (7/16")
6	508-0008	2	Grommet, Rubber	18	405-3405	1	Bracket, Housing
7	821-0014	6	Screw, Hex Washer Head - Self Locking (5/16-18 x .50")	19	405-3611	2	Brace, Side (22.2" Long)
8	800-0002	2	Screw, Cap - Hex Head (1/4-20 x .38")	20	405-3612	1	Brace, Rear (27.35" Long)
9	526-0030	2	Washer, Flat (3/8")	21	821-0033	2	Screw, Hex Head - Lock (7/16-14 x .75")
10	850-0040	2	Washer, Lock (1/4")	22	870-0437	2	Nut, Hex (7/16-14)
11	403-2280	1	Pan, Drip	23	870-0257	2	Nut, Hex (5/16-18)
12	406-0566	2	Pin, Hinge				

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Generator

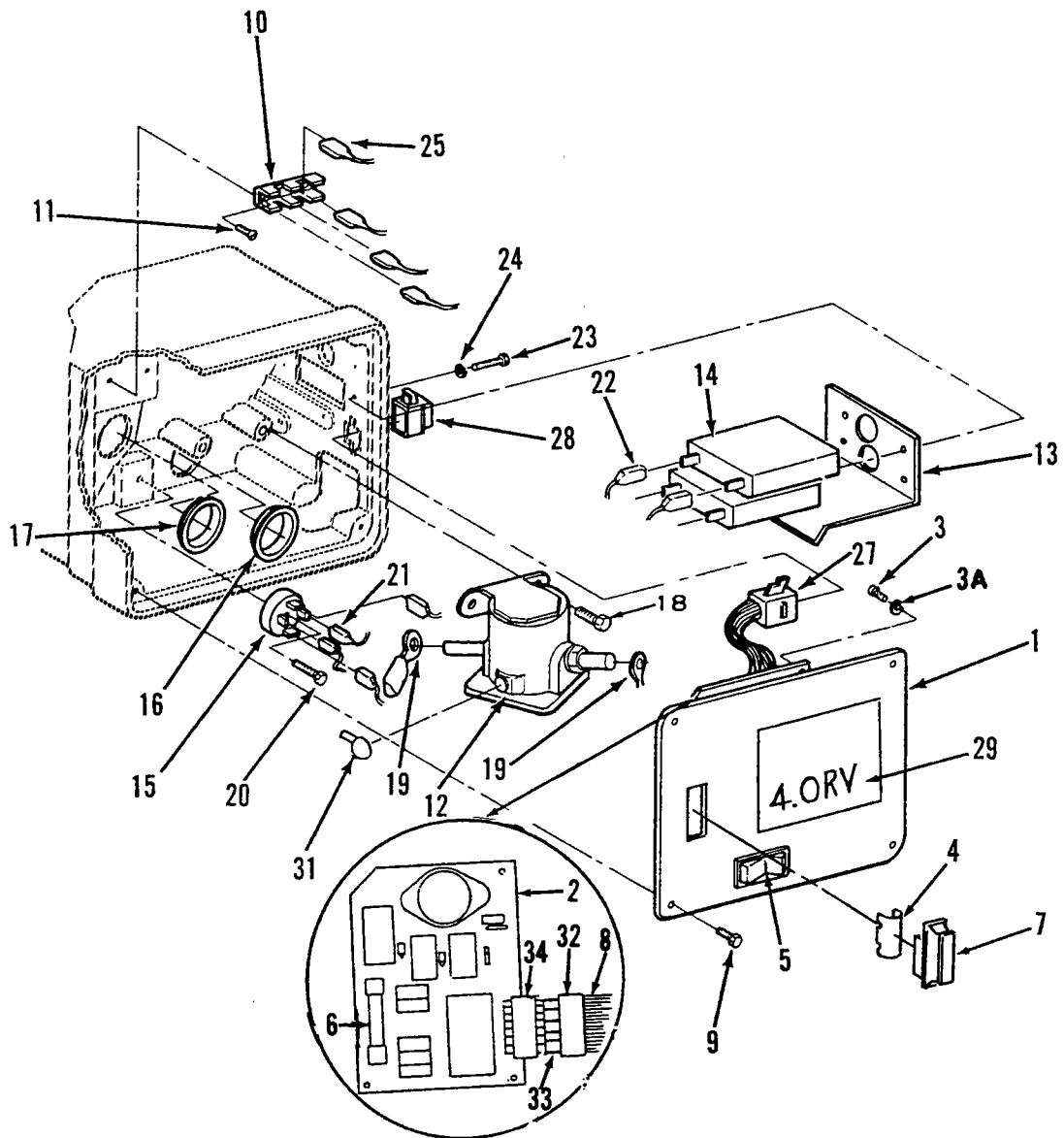


Generator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Armature Assembly, Wound (Includes Fan, Ring Gear, Ball Bearing, and Collector Ring)	12			Ring, Collector - Armature
			60 Hertz	204-0137	1		60 Hertz (BGE Spec A-C and BGEL Spec B)
	201-3172	1	120 Volt (Spec A)	204-0134	1		50 Hertz
	201-3252	1	120 Volt (Begin Spec B)	13	323-1298	1	Connector, Tab
	201-3247	1	120/240 Volt, Extended Shaft (Begin Spec C)	14			Lead
			50 Hertz	226-2809	1		BGE - Includes Receptacle Connector
	201-3246	1	110/220 Volt	226-2990	1		BGEL
	201-3388-S3	1	Code FA, Spec C,D,E	15	508-0253	1	Bushing (1.0 ID x 1-15/32" OD)
2			Housing, Stator	16	332-0941	4	Tie, Cable
	220-3945	1	Spec A	17	212-1274	1	Cover, Brush Block
	220-4097	1	Begin Spec B	18			Screw, Hex Head - Thread
	220-4104	1	Begin Spec C,E		815-0194	2	Cutting - W/ET
3			Adapter, Generator		815-0181	2	4.0 BGE, Spec A-C (#10-32 x 3/8")
	231-0284	1	Spec A				3.5 BGE, Spec C (#10-32 x 1/2")
	231-0288	1	Begin Spec B	19	802-1038	1	Screw, Socket - Armature Through (7/16-14 x 10.23")
4			Stator, Wound	20	800-0575	5	Screw, Hex - Flange Head (3/8-16 x 1-1/8")
			60 Hertz	21	850-0050	4	Washer, Lock (3/8")
	220-3883	1	120 Volt	22	862-0003	4	Nut, Hex (3/8-16)
	220-3885	1	120/240 Volt (Used on BGE Spec A-C and BGEL Spec B)	23	315-0591	1	Cover, Transformer
	220-3887	1	120/240 Volt - Used with Extended Shaft	24	815-0337	4	Screw, Cap - Hex Washer Head (1/4-20 x 3/4")
			50 Hertz				Connector, Receptacle
	220-3997-02	1	120/240 Volt	25			BGE
	220-3997-01	1	110/220 Volt		323-1299	1	BGEL
5	510-0099	1	Bearing, Ball		332-0819	1	BGEL
6	212-1285	1	Block, Generator	26	212-1276-03	2	*Spring, Generator Brush
			Brush (Includes Parts Marked *)	27	212-1286	1	*Block, With Terminal
			Screw, Hex Head - Thread Form	28	526-0018	4	Washer, Flat (1/4" Screw)
7			#10-32 x 5/8"	29			Fan and Gear, Armature (Includes Ring Gear)
	815-0584	2	#10-32 x 7/8"		205-0156	1	4.0 BGE - Spec A Only
8	226-2442	1	Lead (Includes Terminals)		205-0165	1	4.0 BGEL - Spec B, 3.5 BGE - Spec C
9			Clamp, Stator	30	104-1570	1	Gear, Ring - Spec A Only
	232-3073	4	60 Hertz	31	515-0142	1	Key, Extended Shaft (1/4" x 1")
	232-2955	4	50 Hertz				
10	214-0103	2	*Brush, Generator				
11	815-0436	4	Screw, Cap - Hex Washer Head (1/4-20 x 1/2")				

* - Parts Included in 212-1285 Generator Brush Block

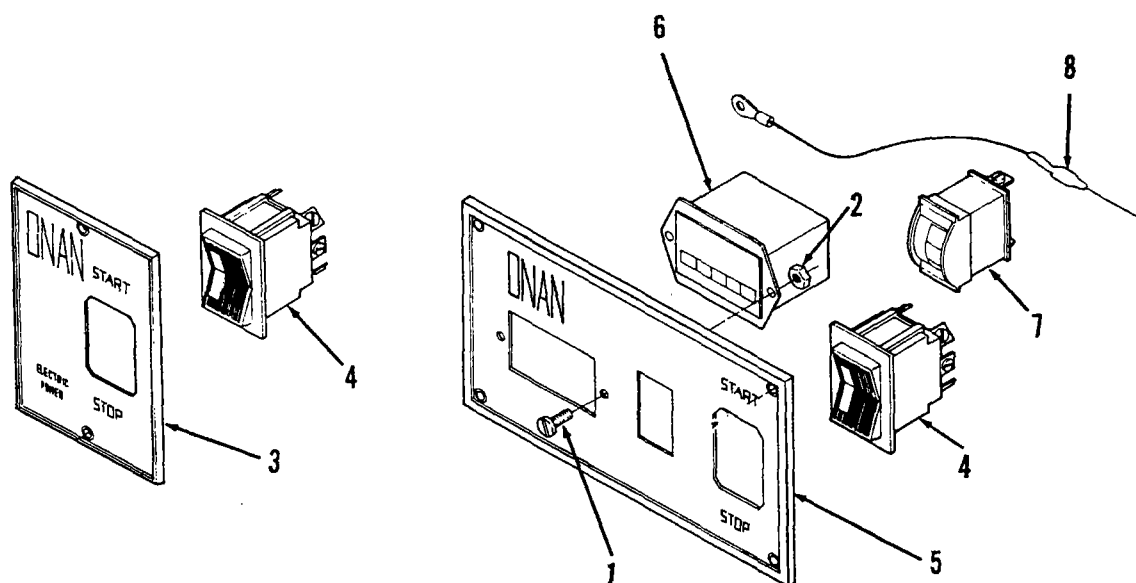
Control



Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-8619	1	Cover, Control	13	320-1549	1	Guard, Breaker - Circuit
2			Board, Circuit - Printed	14			Breaker, Circuit
	300-2784-01	1	BGE		320-1323	1	30 Ampere - 60 Hertz
	300-2943-01	1	BGEL		320-1548-01	1	17 Ampere - 50 Hertz
3			Screw	15	305-0718	1	Rectifier, Bridge
	812-0062	4	Round Head (#6-32 x 7/16")	16	508-0253	2	Bushing (1.0 ID x 1-15/32" OD)
			(Used on BGE Spec A-C and	17	508-0251	1	Bushing (.750 ID x 1-1/8" OD)
			BGEL Spec B)	18	815-0261	2	Screw, Hex Washer Head - Thd
	815-0550	4	Pan Head (#6-32 x 3/8")				Cutting (1/4-20 x 1/2")
			(Used on BGE Spec E and	19	332-0156	2	Terminal (1/4")
			BGEL Spec D)	20	815-0359	1	Screw, Hex Head - Thread
3A	850-0020	4	Washer, Lock (#6) (Used on				Form (#10-32 x 7/8")
			BGE Spec A-C and BGEL Spec B)	21	332-1993	2	Receptacle, Blue (1/4")
4	321-0287	1	Insulator, Fuse	22	332-0684	2	Receptacle, Black (1/4")
5	308-0852	1	Switch, Rocker	23	812-0061	2	Screw, Round Head
6	321-0298	1	Fuse, 5 Amps - Slo-Blow				(#6-32 x 3/8")
7	321-0266	1	Holder, Fuse	24	850-0020	2	Washer, Lock (#6)
8			Harness, Wiring	25	332-0529	6	Receptacle (1/4")
			60 Hertz	27	323-0440	1	Housing, Socket
	338-1931	1	BGE	28	323-0400	1	Housing, Connector Pin
	338-1932	1	BGEL	29	98-5260	1	Decal (Emerald I)
	338-2143	1	Begin Spec C,E	31	332-2112	1	Insulator, Terminal -
	338-2031	1	50 Hertz				Start Solenoid
9	815-0194	4	Screw, Hex Head W/ET - Thread	32	323-1311	1	Connector, 8 Pin
			-Cutting (#10-32 x 3/8")	33	323-1302	8	Pin, Contact
10	332-1815	1	Tab, Terminal	34	323-1312	1	Housing, 8 Pin
11			Screw, Pan Head		332-0819	1	Housing, Connector Push-On
	815-0388	2	60 Hertz (#6-32 x 1/2")				4.0 BGEL - 60 Hertz
	815-0387	2	50 Hertz (#6-32 x 1/4")				(Not Shown)
12	307-2344	1	Solenoid, Start (Includes		357-0030	1	Rectifier, Silicon - CR5
			Nuts And Washers)				BGEL (Not Shown)

Remote Start Control



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-0985	1	Control Package, Standard - Remote Starting (Includes Parts Marked *)
	300-0986	1	Control Package, Deluxe - Remote Starting (Includes Parts Marked +)
1	815-0385	2	+Screw, Machine - Round Head (#6-32 x 1/2")
2	860-0005	2	+Nut, Hex Head (#6-32)
3	301-3566	1	*Panel, Control
4	308-0341	1	*+Switch, Rocker
5	301-3606	1	+Panel, Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	302-0885	1	+Meter, Totalizing - Time
7	302-0888	1	+Meter, Condition - Battery
8	359-0034	1	+Diode
	338-1082	1	Harness, Wiring - Remote (Not Illustrated) (Includes Parts Listed Below)
	338-1082	1	6" Long
	338-1080	1	10 Feet Long
	338-1081	1	30 Feet Long
	323-0400	1	Housing, Connector
	323-0500	1	Pin, Contact

* - Parts Included In 300-0985 Control Package.

+ - Parts Included In 300-0986 Deluxe Control Package.

Labels, Paint, Thread Sealant and Gasket Kits

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	98-5313	1	Label, Warning (Battery Cables)		101-0415	1	+Gasket, Rear Bearing Plate
	98-5142	1	Label, Warning (Fire Hazard)		102-1200	1	+Gasket, Oil Base
	98-5347	1	Label, Danger (High Voltage)		103-0408	1	+Gasket, Gear Cover
	98-5260	1	Decal (Emerald I) - 60 Hertz		110-1921	3	+Gasket, Valve Cover
	98-5845	1	Decal (Emerald I) - 50 Hertz		110-3181	2	+Gasket, Cylinder Head
	98-5713	1	Label, Warning (Extended Shaft)		120-0161	1	+Gasket Kit, Oil Pump
	98-5641-01	3	Label, Performer - 18 Horsepower		122-0375	1	+Gasket, Oil Filter Adapter
	98-5335	1	Label, Preheat (Gasoline) (Spec A-C)		140-1087	1	+Gasket, Air Horn
					141-0281	1	+Gasket, Carburetor (BGEL)
	518-0452	1	Sealant, Thread (50cc Bottle)		154-1725	2	+Gasket, Exhaust Manifold
	525-0305	1	Paint, Enamel Touch-Up Green (Non-Metallic) 13 oz. Pressurized Can		160-1150	1	+Gasket, Breaker Box
					509-0008	1	+Seal, Oil (Governor Shaft)
					509-0040	1	+Seal, Oil (Gear Cover)
	518-0347	1	Loctite, Bottle (250cc)		509-0041	1	+Seal, Oil (Bearing Plate)
	168-0178	1	Kit, Gasket - Carbon Removal (Includes Parts Marked *)		509-0168	2	+Seal, Oil (Valve)
					154-2495	2	+Gasket, Intake Manifold (BGE)
	110-1921	3	*Gasket, Valve Cover		154-1446	2	+Gasket, Intake Manifold (BGEL)
	110-3181	2	*Gasket, Cylinder Head		154-2061	1	+Gasket, Exhaust
	154-1725	2	*Gasket, Exhaust Manifold		154-2542	1	+Gasket, Exhaust
	509-0168	2	*Seal, Oil (Valve)		141-0950	1	+Gasket, Carburetor Mounting (BGE)
	154-2495	2	*Gasket, Intake Manifold (BGE)				
	154-1446	2	*Gasket, Intake Manifold (BGEL)		509-0210	2	+Seal, Intake Valve
	509-0210	2	*Seal, Intake Valve				
	168-0181	1	Kit, Gasket - Engine Complete (Includes Parts Marked +)				

* - Parts Included in 168-0178 Gasket Kit.

+ - Parts Included in 168-0181 Gasket Kit.

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150-0939	21	154-2718	33	191-1048	25	232-2955	39
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SPECIAL PARTS LIST

SPECIAL PARTS LIST FOR MODEL 4.0BGE-1R SPEC 26100A
FOR STANDARD PARTS REFER TO CATALOG 965-0230 KEY NO. 611-1174
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. 611-1174

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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ABOVE FLOOR MOUNTING

SPECIAL PARTS LIST FOR **MODEL** 4.0BGE-1R **SPEC** 26100B
FOR STANDARD PARTS REFER TO **CATALOG** 965-0230 **KEY NO.** --
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. 611-1174

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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ABOVE FLOOR MOUNTING

SPECIAL PARTS LIST FOR MODEL 4.0BGE-1R SPEC 26100C
FOR STANDARD PARTS REFER TO CATALOG 965-0230 KEY NO. --
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. 611-1174

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		ABOVE FLOOR MOUNTING.			

SPECIAL PARTS LIST FOR MODEL 4.0BGE-1R SPEC 26100D
FOR STANDARD PARTS REFER TO CATALOG 965-0231 KEY NO.
OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.
WD: 611-XXXX

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		Above Floor Mounting			

SPECIAL PARTS LIST FOR MODEL 4.0 BGE-1R

SPEC 26100E

FOR STANDARD PARTS REFER TO CATALOG 965-0232

KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

WD: 611-1174

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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Above Floor Mounting

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		ABOVE FLOOR MOUNTING			

<http://stores.ebay.com/UserFriendlyCDs>

SPECIAL PARTS LIST FOR MODEL 4.0BGE-1R **SPEC** 26101B
FOR STANDARD PARTS REFER TO CATALOG 965-0230 **KEY NO.**
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. 611-1174

SPECIAL PARTS LIST FOR MODEL 4.0BGE-1R SPEC 26101C
 FOR STANDARD PARTS REFER TO CATALOG 965-0230 KEY NO.
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BEI
 WIRING DIAGRAM NO. 611-1174

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
BELOW FLOOR MOUNTING					
201-3252	1	Armature Assembly, Wound (Includes parts Marked *)			
205-0165	1	*Fan and Gear Assembly			
204-0137	1	*Ring, Collector			
510-0099	1	*Bearing, Ball			

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		BELOW FLOOR MOUNTING			

<http://stores.ebay.com/UserFriendlyCDs>

SPECIAL PARTS LIST FOR MODEL 4.0BGE-1R **SPEC** 26101E
FOR STANDARD PARTS REFER TO CATALOG 965-0232 **KEY NO.**
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. 611-1174

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		ABOVE FLOOR MOUNTING			

<http://stores.ebay.com/UserFriendlyCDs>

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		BELOW FLOOR MOUNTING			
403-2332	1	Pan, Drip			

<http://stores.ebay.com/UserFriendlyCDs>

WIRING DIAGRAM NO.

<http://stores.ebay.com/UserFriendlyCDs>

WIRING DIAGRAM NO.

<http://stores.ebay.com/UserFriendlyCDs>

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		ABOVE FLOOR MOUNTING			
403-2332	1	Pan, Drip			

<http://stores.ebay.com/UserFriendlyCDs>

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
<p>Manufactured for: WINNEBAGO</p> <p>BELOW FLOOR MOUNTING</p>					
403-2332	1	Pan, Drip			
<p>NOTE: Exhaust systems may or may not be furnished by Onan and components are not necessarily interchangeable between Onan and Winnebago</p>					

<http://stores.ebay.com/UserFriendlyCDs>

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		ABOVE FLOOR MOUNTING			

<http://stores.ebay.com/UserFriendlyCDs>

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		ABOVE FLOOR MOUNTING			

<http://stores.ebay.com/UserFriendlyCDs>

SPECIAL PARTS LIST FOR MODEL 4.0 BGEL-1R SPEC 26111B
FOR STANDARD PARTS REFER TO CATALOG 965-0230 KEY NO.
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BEI
WIRING DIAGRAM NO. 611-1174

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		BELOW FLOOR MOUNTING			

SPECIAL PARTS LIST FOR MODEL 4.0 BGEL-1R SPEC 26111C
FOR STANDARD PARTS REFER TO CATALOG 965-0231 KEY NO.
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BEI
WIRING DIAGRAM NO. 611-1174

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		BELOW FLOOR MOUNTING			

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		BELOW FLOOR MOUNTING			

<http://stores.ebay.com/UserFriendlyCDs>

SPECIAL PARTS LIST FOR MODEL 4.0BGE-3CR SPEC 28202C
 FOR STANDARD PARTS REFER TO CATALOG 965-0230 KEY NO.
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.
 WD: (Eng) 611-1176

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Manufactured For: Time Manufacturing					
Utility Vehicle Application					
Above Floor Mounting					
201-3247	1	Armature Assembly, Wound (Includes Parts Marked *)	402-0602	1	Isolator, Vibrati Generator End
205-0165	1	*Fan And Gear Assembly	337-0036	1	Strap, Ground
204-0137	1	*Ring, Collector	191-1681	1	Regulator, 35 Amp
510-0099	1	*Bearing, Ball	301-9966	1	Bracket Assembly, Regulator
220-3885	1	Stator Assembly, Wound	307-1886	1	Relay, 30 Ampere
520-0961	1	Stud, Armature Exten.	338-2143	1	Harness, Printed Circuit Board (Includes Part Marked #)
320-1321	1	Breaker, Circuit	332-0147	1	#Terminal, Solderl (#10)
320-1365	1	Cover, Circuit Breaker	332-0887	1	#Terminal, Solderl
323-1216	1	Body Connector - Fuse Holder	332-2697	1	#Terminal, Ring
332-2423	1	Terminal, Fuse Holder	332-2572	1	#Terminal, Recepta (.250)
332-1194	1	Terminal Ring, Fuse Holder	332-0807	1	#Terminal, Solderl (#10)
321-0165	1	Holder Assembly, Fuse	332-0805	1	#Terminal, Solderl (#6)
191-1630	1	Starter(Complete) (Includes Parts Marked +)	332-0819	1	#Insulator, Push-c
191-1817	1	+Cover, Spring	332-2715	1	#Terminal, Recepta
191-1818	1	+Retainer, Clutch			
191-1785	1	+Washer			
191-1784	1	+Clutch And Spline Assy			
191-1783	2	+Brush And Terminal Assy. (Negative)			
191-1782	2	+Brush And Terminal Assy. (Positive)			
191-1781	1	+Cap, End (Includes Brushes)			
191-1780	4	+Spring Set, Brush			
191-1779	1	+Washer, Commutator End			
191-1778	1	+Washer, Spring			
191-1777	1	+Washer, Flat			
191-1776	1	+Cap Assembly, Drive End			
191-1775	1	+Armature			
191-1774	1	+Bolt, Thru - Starter			
191-1819	1	+Gear, Starter			
191-1786	1	+Pin, Roll			
191-1820	1	+Spring, Pinion			
191-1821	1	+Retainer, Spring			
191-1822	1	+Washer			
300-2943	1	Board Assy, Printed Circuit			
220-4104	1	Housing, Stator			

<http://stores.ebay.com/UserFriendlyCDs>

SPECIAL PARTS LIST FOR MODEL 4.0 BGE-3CR SPEC 28202E
 FOR STANDARD PARTS REFER TO CATALOG 965-0232 KEY NO.
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.
 WD: (Eng) 611-1176

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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Manufactured For: Time Manufacturing

RV Application

Above Floor Mounting

201-3247	1	Armature Assembly, Wound (Includes Parts Marked *)
205-0165	1	*Fan And Gear Assembly
204-0137	1	*Ring, Collector
510-0099	1	*Bearing, Ball
220-3885	1	Stator Assembly, Wound
515-0142	1	Key, Extended Shaft
898-0780	1	Sleeving, Extended Shaft
503-1544	1	Hose, Preheater
402-0602	2	Isolator, Vibration - Generator End
191-1681	1	Regulator, Voltage - 30 Ampere
301-9966	1	Bracket, Voltage Regulator Mounting
321-0277	1	Holder, Fuse
307-1886	1	Relay, 30 Ampere
338-2143	1	Harness, Printed Circuit Board (Includes Parts Marked #)
332-0147	1	#Terminal, Solderless (#10)
332-0887	1	#Terminal, Solderless
332-2697	1	#Terminal, Ring
332-2572	1	#Terminal, Receptacle (.250)
332-0807	1	#Terminal, Solderless (#10)
332-0805	1	#Terminal, Solderless (#6)
332-0819	1	#Insulator, Push-on
332-2715	1	#Terminal, Receptacle
98-5713	1	Label, Caution - Regulator Bracket
98-5845	1	Silkscreen, Model Identification

SPECIAL PARTS LIST FOR MODEL 3.5BGE-53BR SPEC 29236C

FOR STANDARD PARTS REFER TO CATALOG 965-0230 KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

WD: (Eng) 611-1177

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		Above Floor Mounting			

SPECIAL PARTS LIST FOR MODEL 3.5BGE-53CR SPEC 29236C
FOR STANDARD PARTS REFER TO CATALOG 965-0230 KEY NO.
OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.
WD: 611-1177

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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MANUFACTURED FOR: LEE'S

Above Floor Mounting

SPECIAL PARTS LIST FOR MODEL 4.0BGE-53CR SPEC 29236D
FOR STANDARD PARTS REFER TO CATALOG 965-0231 KEY NO.
OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.
WD: 611-xxxx

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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Above Floor Mounting

SPECIAL PARTS LIST FOR MODEL 3.5BGE-53BR SPEC 29237C
FOR STANDARD PARTS REFER TO CATALOG 965-0230 KEY NO.
OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.
WD: (Eng) 611-1177

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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Below Floor Mounting

SPECIAL PARTS LIST FOR MODEL 3.5BGE-53CR SPEC 29237C

FOR STANDARD PARTS REFER TO CATALOG 965-0230 KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

WD: (Eng) 611-1177

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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Below Floor Mounting

SPECIAL PARTS LIST FOR MODEL 4.0BGE-53CR SPEC 29237D

FOR STANDARD PARTS REFER TO CATALOG 965-0231 KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

WD: 611-XXXX

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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Below Floor Mounting

SPECIAL PARTS LIST FOR MODEL 4.0 BGE-3CR

SPEC 30981E

FOR STANDARD PARTS REFER TO CATALOG 965-0232

KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

WD: 611-1176

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
RV Application					
Above Floor Mounting					
220-3885	1	Stator Assembly, Wound			
503-1544	1	Hose, Preheater			
402-0602	2	Isolator, Vibration - Generator End			
191-1681	1	Regulator, Voltage - 30 Ampere			
301-9966	1	Bracket, Voltage Regulator Mounting			
321-0277	1	Holder, Fuse			
307-1886	1	Relay, 30 Ampere			
338-2143	1	Harness, Printed Circuit Board (Includes Parts Marked #)			
332-0147	1	#Terminal, Solderless (#10)			
332-0887	1	#Terminal, Solderless			
332-2697	1	#Terminal, Ring			
332-2572	1	#Terminal, Receptacle (.250)			
332-0807	1	#Terminal, Solderless (#10)			
332-0805	1	#Terminal, Solderless (#6)			
332-0819	1	#Insulator, Push-on			
332-2715	1	#Terminal, Receptacle			

SPECIAL PARTS LIST FOR MODEL 3.5 BGE-53BR

SPEC 29237E

FOR STANDARD PARTS REFER TO CATALOG 965-0232

KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

WD: 611-1177

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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Below Floor Mounting

SPECIAL PARTS LIST FOR MODEL 3.5 BGE-53CR

SPEC 29237E

FOR STANDARD PARTS REFER TO CATALOG 965-0232

KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

WD: 611-1177

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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Below Floor Mounting.